CONSTRUCTION NEWS

Engineering News-Record, May 7, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Drainage system, Toronto, Ont., plans to extend drainage system, $11,000,000.

Roads, Corsicana, Tex., Navarro Co. plans bond election for roads, $7,000,000.

Reclamation, Dewey, Okla., plans reclaiming 50,000 acres, $5,000,000.

Bank and office, New York, N. Y., plans being prepared, $5,000,000.

Paving, Buffalo, N. Y., Erie Co., plans paving 25 mi., $4,000,000.

Dam, Rice, Minn., Minnesota Power & Light Co. plans power dam, $2,000,000.

Office, Santa Cruz, Calif., F. E. Morgan having plans prepared, $1,500,000.

Hospital, Boston, Mass., Homeopathic Hospital Bldg. Comm. plans building, $1,500,000.

Cotton mill, Rome, Ga., Brighton Mills, Inc., plans cotton mill, $1,250,000.

Bank and office, Newark, N. J., Federal Trust Co. having plans prepared, $1,250,000.

Extending street, California, City of San Francisco and San Francisco Co. making plans to extend Potrero Ave., $1,000,000.

Apartment, Dallas, Tex., Rucker & Jones Realty Co. having plans prepared, $1,000,000.

Bids Wanted On Big Jobs

Railroad, Quebec, Canadian National Ry. takes bids about June 1, $3,500,000.

Sea wall, Gulfport, Miss., Bd. Supvrs. Harrison Co. takes bids May 27, $2,000,000.

Stadium, Philadelphia, Pa., Dept. Pub. Wks. takes bids May 12, $2,000,000.

Large Contracts Let During Week

Office, New York, N. Y., J. T. Lee to Rheinstein & Hass, $5,000,000.

Plant, Creighton, Pa., Pittsburgh Plate Glass Co., $4,000,000.

Railroad, Missouri, Missouri Pacific R.R. Co. to Winston Bros, $2,000,000.

Capitol, Lincoln, Nebr., State to J. H. Wiese Co., $1,915,000 and to H. Stuble Art Stone Co., $600,000.

Stock Exchange, Omaha, Neb., Union Stock Yards Co. to P. Kiewits & Sons, $1,500,000.

Plant, Canton, Md., Lockwood, Greene & Co. to Consolidated Eng. Co., $1,000,000.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Mass., Boston — City rejected bids high pressure fire pipes in Atlantic and Dorchester Aves., Summer, Richmond, Fulton, Confress Sts. $60,000 bonds. J. A. Rourke, comr. Dept. Pub. Wks. Noted Apr. 23.

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., City Hall, Boston plans 10- to 24-in. earthen pipe for surface drain, 14 catch basins and 4 manholes in Minot St. between Adams and Carruth Sts., here. $15,000. J. A. Rourke, comr.

R. I., Warwick—Town Council plans water supply, drains, etc. in various streets. $15,000 or more. Engineer not selected.

W. Va., Mason Town—Election May 15, $30,000 bonds, for waterworks and sewers. F. O. Shatton, recdr.

Ga., Macon—Plans new boiler and pump at Riverside Station, also 2,500,000 gal. capacity reservoir. R. B. Cowen, city mgr.

Miss., Jackson—Election May 16, $110,000 bonds, for waterworks."

La., Augurs—Election May 19, $37,500 bonds, mains and distribution system. C. D. Evans, 309 Levy Bldg., Shreveport, engr. Noted May 5.

O., Sheffield—Village plans 9 mi. pipe line for water supply system. W. A. Stinchcomb Co., Penton Bldg., Cleveland, engrs.

O., Youngstown—Bd. Control soon takes bids 16 m.g. pump for filtration plant and 10 m.g. pump for pumping station, also 43,447 ft. mains in various streets. $125,000. H. F. Kaercher, supt. waterworks.

Wis., Racine—Water Comn., F. M. McElroy, supt., making plans filtration plant. $300,000. Alvord, Burdick & Howson, 8 South Dearborn St., Chicago, Ill., engrs.

Neb., Milford — Voted $23,000 bonds for waterworks, incl. pumping equipment, distribution mains, etc.

Wyo., Evansville—Voted $60,000 bonds, improving and enlarging water system. Wheeler & Worthington, Royal Bldg., Casper, consult. engrs.

Mo., Steele — A. B. Rhodes, city clk., rejected bids Apr. 16, 75,000 gal. tank on tower, 10,000 ft. 4, 6 and 8 in. c.i. mains, two 100 ft. wells, two 125 g.p.m. motor driven pumps, also 10,000 ft. 8- to 15-in. vitr. clay sewers, disposal plant, etc. $30,-000. Will readvertise. A. C. Moore, 222 Independence Bldg., Joplin, engr. Noted Apr. 9.

Ark., Siloam Springs — Plans extending 10,600 ft. 6- to 10-in. c.i. mains, etc., in 25 blocks various streets. $30,000. A. E. Stockburger, mayor. Engineer not announced.

Tex., Big Spring—Voted $30,000 bonds waterworks extensions, incl. mains, new pumps, equipment, etc. J. W. Middleton, secy. Noted Apr. 2.

Tex., Cuero—Plans replacing 1 mi. small mains with 8 in. mains in various streets, also 15 new fire hydrants. $20,000. Engineer not announced.

Tex., San Antonio—Voted $6,000,000 bonds, purchasing local waterworks and $500,000 bonds for improvements. I. Ewig, city engr. Noted Apr. 2.

Okla., Bristow — Making preliminary plans new deep well water supply, pumps and pumping equipment. $45,000. M. Morrison, mayor. Engineer not selected.

Ont., Riverside—Plans 8,000 ft. 6 in. c.i. mains in various streets. $25,000. Code & Code, Provincial Bank Bldg., Windsor, engrs.

Ont., Toronto—York Twp., 40 Jarvis St., plans mains in Avon and Lorrain Aves. $3,850, Rountree Ave., Times and Weston Rds. $4,505, Birch Ave. $1,805, Rogers Rd. $14,350, Ronald and Schell Aves. $3,280. F. B. Goedike, twp. engr.

Ont., Windsor — Essex Border Utilities Comn., plans 24 in. pipe line to suburb of LaSalle. $50,000. Prices wanted on materials.

BIDS DESIRED

Mass., Boston—May 21, at office Metropolitan Dist. Comn., 1 Ashburton Pl., 4,440 ft. 48 in. c.i. pipe. G. L. Rogers, secy.; adv. E. N.-R. May 7.

Mass., North Attleboro—May 20, approximately 19,150 ft. 8 in. and 20,500 ft. 6 in. c.i. mains in various streets. C. S. Hoisington, mgr. Municipal Waterworks.

R. I., Providence—May 27, by Water Supply Bd., hydro-electric equipment, etc. F. E. Winsor, 661 Westminster St., ch. engr.; adv. E. N.-R. May 7.

Conn., New Britain — May 14, by Bd. Water Comrs., Room 205 City Hall, mains in various streets. J. D. Williams, city engr.; adv. E. N.-R. Apr. 7.

Md., Baltimore—May 13, by Bd. Awards, superstructures of chemical, shelter, garage and filter buildings, pumping station, etc., at Montebello Ave. V. B. Siems, City Hall, engr.

Wis., Milwaukee—May 9, by Dept. Pub. Wks., 22,598 lin.ft. 6- to 12-in. mains in various streets.

Tex., Dallas—E. A. Kingsley, city engr., taking bids 75 standard fire hydrants, two 2½ in. hose nozzles and one steamer nozzle, for city. $6,000.

Tex., Dallas—M. G. James, city secy., taking bids 25,000 ft. ¾ in. and 10,000 ft. 1 in. extra strong lead pipe, and 1,000 ft. 2 in. double extra strong lead pipe, delivered to Waterworks yards, 701 Bourbon St.

Ont., Leamington — May 15, by R. M. Selkirk, town clk., 950 ft. 16 in. steel intake pipe, 272 tons 6 in. c.i. mains, two 75 hp. motors and pumps, etc. $55,000. A. Newman, Davis Blk., Windsor, engr. Noted Apr. 2.

Ont., South Porcupine—May 11, by F. C. Evans, clk. Tisdale Twp., 5,000 ft. 6 in. c.i. mains, pumphouse, hydrants, etc., in various streets. $25,000. Sutcliffe Co., Ltd., New Liskeard, engrs.

BIDS RECEIVED

Conn., Wallingford — Water Dept., disposal plant, from New York Sewage Disposal Co., Grand Central Terminal, New York City, $34,557.

N. Y., Brooklyn—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, May 4, mains in 9th Ave., 53rd St., etc., from Wataga Contg. Co., 308 Lenox Ave., New York City, $62,-444. Noted Apr. 30.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., Apr. 29, mains in Westchester, Esplanades, Yznaga Pl., Bronx Blvd., Allerton, Bouck, Crosby Aves., etc., from Melrose Constr. Co., 103 East 125th St., $7,300. Noted Apr. 23.

Pa., Phila.—Dept. Pub. Wks., Bureau Water, Apr. 28, from J. J. McHugh, 1617 Race St., Contr. 748, laying pipe $76,192. Contr. 754, vibrating screen $1,290; from B. F. Sturdevant, Thornes and Copewood Sts., Camden, N. J., Contr. 753, sanitary vacuum cleaner, $875; from Acme Machine Co., 316 North 17th St., Contr. 755 $950; from U. S. Cast Iron Co., Burlington, N. J., Contr. 756,400 tons 6, 8 and 12 in. c.i. pipe $212,607; from Vare Constr. Co., 1120 Race St., Contr 757, electric duct, $20,756.

O., Cleveland—Cuyahoga Co., 8,500 ft. 6 and 8 in. mains in Harvard and Warrensville Center Rds., from M. Iafornaro, 2218 Murray Hill Rd., $21,420.

O., Indian Hill (mail Cincinnati) — Camargo Realty Co., 150,000 gal. reservoir and 35,625 ft. 4- to 8-in. c.i. mains, for water supply line, from Crumley, Jones & Crumley, 217 Hazen Bldg., $67,427. Engrs. est. $75,040.

Minn., Minneapolis — F. S. Gram, city purch. agt., Apr. 6, steel pipe and fittings for filter plant (under construction), 820 lin.ft. 54 in. ⅜ in. thick and 892 lin.ft. 54 in. ⅞ in. thick riveted steel, 4,498 lin.ft. 48 x ¾ in. or 50 x ¾ in. lock bar steel pipe, from Biggs Boiler Wks., Bank and Williams Sts., Akron, O., $85,000. Noted Mar. 26.

CONTRACTS AWARDED

N. Y., Fulton—Common Council, rein.-con. suction well, to H. J. Lyon, Fayetteville, $19,850. Noted Apr. 9.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 107th, 120th, 218th Sts., etc., here, to J. A.

Waterworks (Continued)

Gregory, 351 East 124th St., New York City, $16,973. Noted Apr. 23.

O., Cleveland—Cuyahoga Co., 6,800 ft. 12 in. mains in Pleasant Valley Rd., Impvt. 81, to Gantose Constr. Co., Columbia Bldg., $33,778.

O., Cleveland—Cuyahoga Co., 6,750 ft. 6 and 8 in. mains in Impvt. 354, to A. Marra Constr. Co., Ulmer Bldg., $16,852. Noted Apr. 30.

Ill., Chester—Filtration Plant, to A. P. Poirot, 721 East Washington St., Belleville, $33,015. Engrs. est. $30,000. Noted Apr. 16.

Ia., Sioux City — For 300,000 gal. capacity steel tank on tower for water storage in Morningside, to Pittsburgh-Des Moines Steel Co., 9th and Tuttle Sts., Des Moines, $18,888. Noted Apr. 16.

Mo., Raytown—Raytown Water Co., 3½ mi. 8 in. mains to Natl. Cast Iron Pipe Co., 603 Land Bank Bldg., Kansas City; tank on tower, to Chicago Bridge & Iron Co., 37 West Van Buren St., Chicago, Ill.; pumps, to Amer. Wells Wks. Mfg. Co., Walsix Bldg., Kansas City; valves, to Ludlow Valve Mfg. Co., 1416 R. A. Long Bldg., Kansas City. Engrs. est. $50,000.

Tex., Denton—C. W. Stovall, city secy., 250,000 gal. tank on 100 ft. tower (city to build foundation), to Pittsburgh-Des Moines Steel Co., 1217-18 Praetorian Bldg., Dallas, $17,000. Engrs. est. $20,000. Noted Apr. 16.

Ont., Islington—Etobicoke Twp., 500 water meters to Neptune Meter Co., Ltd., 1195 King St. W., Toronto. Engrs. est. $7,500.

Ont., Ottawa — Bd. Control will install 2,000 water meters, by day labor. $30,000. A. F. Macallum, city engr. Noted Feb. 19.

Sewers

PROPOSED WORK

Mass., Boston—Dept. Pub. Wks., City Hall, plans sewerage works in Battery and Ipswich Sts., here, $25,000; in Itasca, Barrington and Harmon Sts., Elm, Mildred and Wilmington Aves., Dorchester, $25,000; in Church, Cornell and Pleasant Sts., and Darwell, Pierpont and Alhambra Rds., West Roxbury, $25,000. J. A. Rourke, comr.

R. I., Providence—Plans sewers in Pembroke Ave., Amory, Barstow, Hamilton and Crandall Sts. $25,000. J. B. Ballard, chrm. Com. on Sewers, Pub. Wks. Dept.

N. J., Palmyra — Boro Council plans storm sewer along Boulevard to Delaware River. $50,000. Remington & Vosbury, 509 Cooper St., Camden, engrs.

N. J., Trenton—Soon takes bids sewers in Hiltonia Sect., Liberty St., Virginia, Green, Afton and Chestnut Aves. $37,500. A. C. Gregory, city engr.

Pa., Hazleton—Soon takes bids 5,200 lin. ft. 48- to 84-in. storm and 5,200 lin.ft. 4- to 24-in. sanitary sewers in various streets. $250,000-$300,000. J. Rough, city engr.

W. Va., Mason Town—See "Waterworks."

Miss., Jackson—Election May 16, $110,000 bonds for sewers.

Mo., Steele—See "Waterworks."

Mo., West Plains—Election May 26, $50,000 bonds, sanitary sewers in various streets. Russell & Axon, 412 McDaniel Bldg., Springfield, engrs.

Tex., Wichita Falls—Election soon $175,000 bonds, for sewage disposal plant. W. E. McBroom, city secy.

Okla., Mangum—Making surveys 12,100 ft. 24- to 42-in. segmental block sewers in business section. $30,000. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Norman—Election May 19, $35,000 bonds, extending 35,000 ft. 8- to 15-in. vitr. clay sewers in University Pl., Boyd, Cleveland and Noble Sts. F. Cobb, Norman, engr.

Colo., Denver—See "Streets and Roads."

Ont., Guelph—Plans 12,000 ft. 8 in. up, vitr. tile storm and sanitary sewers in Allan Ave., Bay, Essex, Grey, Grant, Hood, Meadowview, Palmer, Sullan, Water, Cardigan, Marcon, Tiffany, George, Pipe and John Sts. $30,000. N. S. Nicklin, city engr.

Ont., Hamilton—Plans 10,000 ft. vitr. tile sanitary and storm sewers in district north of Barton St. between Kenilworth and Strathearn Aves. $51,000. W. L. McFaul, city engr.

Ont., Riverside—Plans 12,000 ft. 8 in. up vitr. tile sanitary and storm sewers in various streets. $50,000. Code & Code, Provincial Bank Bldg., Windsor, engrs.

Ont., Toronto — East York Twp. plans sewers in Donlands Rd. $17,245, and Greenwood Ave. $12,567. Work involves 1,940 ft. 12, 15 and 24 in. vitr. tile pipe. G. R. Jack, Sammon Ave., Municipal Yard, engr.

Ont., Toronto—York Twp. plans 6,000 ft. 8 in. vitr. tile sewers in Bude St., Glocester Grove, Clovelly, Strader, Belvedere, and Lanark Aves. $30,000. F. B. Goedike, twp. engr.

Ont., Toronto — Plans to expend $11,000,000 on North Toronto Drainage System, incl. lateral sewers $2,971,360, trunk sewers $7,051,600, and disposal plant $1,000,000. R. C. Harris, city engr.

Ont., Toronto—York Twp., 40 Jarvis St., plans 4,200 ft. 15 in. and up, concrete and vitr. tile sewers in Blackthorn and Aileen Aves., Keele St. and Scott Rd. $67,975. F. B. Goedike, 40 Jarvis St., engr.

BIDS DESIRED

Mass., Boston—May 12 by Pub. Wks. Dept., sewerage works in Dorchester. J. A. Rourke, Comr.

N. Y., New York — May 14, by H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., sewers, etc. in East 242nd St., Cornell, Bronx River, Leland, Patterson Commonwealth, Lacombe, St. Lawrence and Beach Aves.

Pa., Oil City—May 21, B. B. Weber, city engr., City Hall, constructing Oil Creek Intercepting Sewer Cooper Run Culvert, and Orange St Relief Sewer; adv. E. N.-R. May 7.

O., Toledo — May 15, by Comrs. Lucas Co., Ditch 578, in Washington Twp., 20,800 ft. 12- to 84-in. rein.-con. or segment block pipe. $500,000. C. L. Sawyer, Toledo, co. surv.

Mich., Springwells — See "Streets & Roads."

Wis., Milwaukee—May 12, by J. Fowles, secy Metropolitan Sewerage Comn., 508 Market St., Arnauld Ave. low level sewer, 5,733 ft. 12- to 21-in. terra cotta pipe, 225 vertical ft. standard and 36 vertical ft. drop manholes, etc.

Minn., Winona—May 18, by G. W. Hoffmann, city clk., 11,459 ft. 8- to 12-in. vitr. clay and 751 ft. 12 in. c.i. sewers, etc., in Sewer Dist. 5. $25,000. E. E. Chadwick, city engr. Noted Feb. 5.

Tex., Houston—May 15, by J. C. McVea, city engr., sanitary sewers in various streets. $75,000.

Ont., South Porcupine—May 11, by F. C. Evans, clk. Tisdale Twp., septic tank and 4,000 ft. 8 in. vitr. tile sewers in various streets. $25,000. Sutcliffe Co. Ltd., New Liskeard, engrs.

BIDS RECEIVED

Conn., Wallingford—Sand filtration beds and sewage disposal plant, from New York Sewage Disposal Co., Grand Central Terminal, New York City, $34,557.

Md., Baltimore — Bd. Awards, storm sewers in Sewer Dist. H-9, Water Contr. 85, from Catalano & Picora Constr. Co., Knickerbocker Bldg., $177,726. Noted Apr. 23.

Mich., Grand Rapids — Director Pub. Serv., City Hall, Apr. 22, constructing Cold Brook Creek Drain, Contr. F-6, from Swingle & Robinson, Wyandotte, $99,205. Engrs. est. $129,198. Noted Apr. 2.

Ill., Downers Grove — Sanitary Sewer Dist., Apr. 22, 80,000 ft. 8- to 21-in. rein.-con., and 100,000 ft. 33- to 42-in. vitr. clay sewers, from H. Reese & Son, Quincy, $268,458. Engrs. est. $300,000. Noted Apr. 9.

Wis., Milwaukee—J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., Apr. 17, pipe covering in power plant of sewerage disposal plant at Jones Island, from G. F. Becker Co., 137 6th St., $25,663.

Calif., Los Angeles—Bd. Pub. Wks., from M. Brkich & Co., 309 Douglas Bldg., Sect. 24 North Outfall Sewer, 5,226 ft. 5 ft. semi-elliptical brick-concrete sewer complete, $80,000 or 8,441 ft. 5.5 ft. semi-elliptical brick-concrete sewer complete, $130,500. Noted Apr. 23.

CONTRACTS AWARDED

N. Y., Brooklyn — J. A. Guider, Boro pres., Boro Hall, **(e. e. means engrs. est.)** sewers in Elmwood Ave., etc., to A. W. Matarazzo, 74.23% e.e. $11,518; in 8th St., to Standard Constr. Co., 705 Park Ave., 68% e. e.$8,125; in Maple St., to R. Iovino, 81.25% e. e. $4,060. Noted Apr. 30.

N. Y., New York — H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., sewer in Morris Ave., to Slack & Slack Contg. Co., 1621 Gates Ave., $19,215; receiving basin on Fordham Rd., to J. T. Brennan, 839 Ger aldAve., $1,285; inlets, etc., in Holland Ave., to Bronx Sewer Constr. Co., 375 East Fordham Rd., $3,409. Noted Apr. 23.

N. Y., St. George—J. A. Lynch ,pres. Richmond Boro, Boro Hall, sanitary sewers in New Dorp, Oakwood and vicinity, to Hammen Constr. Co., Perth Amboy, N. J., $338,703. Noted Apr. 2.

N. J., Trenton — Bd. City Comrs., sewage disposal plant, to J. P. White Co., Washington Pl., Passaic, $992,683. Noted Apr. 16.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Apr. 7, to O'Neil Co., 127 East Mermaid St., main sewer in Custer Ave. $107,355, Loretta Ave. $77,176 to A. Botitatibus Ardleigh St. $4,085, Durham St. $6,605; to Perna Constr. Co., 301 North 65th St., Almond St. $2,503, Mercer St. $2,490, N St. $7,384, Salmon St. $2,805, Sepviva St. $2,902, 2 sections of Thompson St. $2,437 and $4,442, Webb St. $2,000; to V. S. Campelone, 812 West Venango St., Bath St. $2,301, Gaul St. $2,290; to J. J. McHugh, 1617 Race St., Durand St. $6,793; to Higgins & Reilly Co., 601 Real Estate Trust Bldg., 52nd St. $15,856; to Pacifico Ventres Co., 4th St. $7,919 Westcote St. $13,487; to McCoal Constr. Co., 5033 Duffield St., Janney St., $2,349; to Vattieri & Pontarelli, 3rd St. $2,830; to Vare Constr. Co., 1120 Race St., Champlost St. $59,729; to Bardi & Pinciotti, 1226 Taske St., Sanger St. $29,149; to Sarco Contg. & Building Co., 1213 Snyder Ave., Bigler St. $5,739; A. V. Peter & A. J. Ellis, 3342 North 11th St., McKean Ave. $11,261; to A. Perna & Son, Naomi St. $9,004, Victoria St. $1,710; to J. Moss, 1652 Wakeling, Valette St. $2,829; to Lombardi Co., 601 Lincoln St., Wallace St. $3,125 to F. Di Pasquale, 1215 South 17th St., Gaul St., $3,078. Noted Apr. 23.

Pa., Phila.—Director Pub. Wks., Bureau Engineering, to M. and J. B. McHugh, 802 North Markoe St., water pipe connections in city property $12,149, branch sewers in Louisa St. $4,496, in Oxford St. $48,641, Calvert St. $6,953; to G. F. Dobbin, 1620 South 47th St., fence at Northeast Sewerage Treatment Works $27,146; to P. and A. J. Ellis, 3342 North 11th St., main sewer in Crabtree and Rowland Sts. $72,492, Colgate St. $61,156; to Cossetti, 150 Real Estate Trust Bldg., branch sewers in Magnolia, Bringhurst, Clarkson and Queen Sts. $28,724, Wellesley St. $9,940, Hortter St. $16,585, to A. DiSandro & Son, 3906 North 5th St., Natrona St. $4,762, Shellmire St. $8,597, 33rd St. $8,920, Blakemir St. $12,703, to J. Hastie, 601 East Hillton St., Nedro St. $10,993, Lansing St. $7,138, to E. F. Benis, 825 East Washington Lane, Sedgwick St. $11,710, to Lombardi Co., 601 Lincoln Bldg., 72nd Ave. $13,270, Gay St. $4,864, Gibson St. $6,958, Gowen St. $8,715, to Pacifico Ventresco, 6325 Chew St., Tulip, Decatur, Edmond and Harbel Sts. $27,513, to A. Bonitatibus, 30 West Mt. Pleasant Ave., Wellesley St. $12,130, Hartel St. $7,579, to A. A. Pastore, 5903 Woodland Ave., Woodcrest St. $7,600, Wynnefield St. $11,789, to A. Jafalla, 139 South 50th St., C St. $975, to Higgins & Reilly, 601 Real Estate Trust Bldg., Conshohocken St. $12,704, to Vattieri & Pontarelli, 523 Rising Sun Lane, Dover St. $5,254, to W. McIntyre, 6811 North Franklin St., Locust St. $4,622. Grand total $472,214.

O., Akron—W. F. Peters, dir. Pub. Serv., 330 ft. 15- to 24-in. vitr. clay and 3,320 ft. 30- to 60-in. brick trunk sewer in Gorge Blvd. Dist., to F. George, 1657 Mahoning Ave., Youngstown, $85,155. Engrs. est. $108,600. Noted Apr. 23.

O., Cleveland—City, 535 ft. 6A, 1,500 ft. 5C, 680 ft. 4C, and 375 ft. 3C concrete sewer in Bellaire Rd., to W. B. Smith, 706 The Arcade, $55,788. Noted Apr. 23.

O., Dayton — Dept. Pub. Serv., North Dayton Relief sewer Projects 1 and 2, to J. B. Mercer, Piqua, $59,620 and $78,040 respectively; Dry Hollow storm sewer, Project 3, to W. H. Boyd, Reibold Bldg., $14,595; Canal storm sewer, Project 4, to Finke Eng. Co., Realty Bldg., $24,918. Grand total $177,173. Noted Apr. 9.

Ill., Knoxville—For 3,238 ft. 12 in. tile sewers in Main St., to Central Eng. Co., 809 Putnam Bldg., Davenport, Ia., $94,267. Engrs. est. $119,000.

Wis., Milwaukee—Dept. Pub. Wks., storm and sanitary sewers in Highland Ave., Wyoming Pl., Ellen, Sycamore and 36th Sts., to H. O. Schaefer & Sons, 1149 East Mason St., Green Bay, $9,238; Claybourn and Richards Sts., to Wenzel & Henoch Co., 498 27th St., $102,411; Oklahoma Ave., to W. T. Werner, 675 Hi-Mount Blvd., $6,886; Keefe Ave., to G. E. Zimmermann, 3402 Grand Ave., $53,126; 38th St., to J. Brogan & Sons, 700 Dousman St., Green Bay, $2,189.

Minn., St. Paul — H. W. Austin, city purch. agt., will construct Belt Line, Phalen and Hazel Park system, Contr. B. Margaret-Minnehaha Branch, by force account. $325,000. Former bids rejected. G. M. Shepard, city engr. Noted Apr. 16.

Mo., St. Joseph—City extending rein.-con. main sewer in Grand Ave., to T. Johnson, Eagle Grove, Ia., $25,918.

Ont., Toronto—East York Twp., Sammon Ave. Municipal Yard, 11,000 ft. 8 in. vitr. tile sewers in Goyder Aves., to A. Johnson, 17 Fairmount Crescent, $1,850 and $1,788 respectively; Inwood Ave., to Natl. Contg. Co., 9 Garnock Ave., $2,900; Fraler and Woodmount Aves., to Mitchell Contg. Co., London, $1,837 and $2,385 respectively; Glebemount Ave., to J. Simpson, 227 Wychwood Ave., $2,210; Queensdale Ave., to Murphy Contg. Co., 8 Wychwood Ave.,

Sewers (Continued)

$2,248; Monarch Park and Pape Aves., to Dept. Pub. Wks., by day labor, $6,355 and $14,485 respectively.

Ont., Toronto—East York Twp., Sammon Ave. Municipal Yard, will build 8,000 ft. vitr. tile sanitary and storm sewers in Danforth Ave. $5,600, Thyra Ave. $5,200, Dawes Rd. $17,200, Gledhill Ave. $2,950, by day labor. Grand total $30,950. G. R. Jack, twp. engr.

Ont., Toronto—York Twp., 40 Jarvis St., to A. Cavotti, 257 Euclid Ave., sewers in Gilbert and Corby Aves. $7,865, Pinewood Ave. and Humewood Dr. $7,062; to W. E. Taylor, 22 Falcon St., sewers in Harvie and Treignmouth Aves. $4,884, Vaughan Rd. $4,039, Old Westom Rd. $12,695; to F. F. Fry, 43 Scott St., sewers in Rogers Rd., Sellers and Day Aves., $3,773. Work involves approximately 9,000 ft. 8 in. and up vitr. tile and concrete pipe. Grand total $40,318.

Waste Disposal

BIDS DESIRED

N. Y., New York — May 15, by W. W. Mills, comr. Plants & Structures, Municipal Bldg., waste disposal plant, incl. 2 radial brick chimneys, elevators, etc., at Tompkins, Rivington and Stanton Sts. Noted Mar. 12.

O., Lakewood (Cleveland P. O.)—May 14, by City, E. A. Weigland, mayor, 50 ton incinerator. $85,000. Former bids rejected. E. A. Fisher, City Hall, engr. Noted Feb. 26.

Tex., Houston—May 15, by J. C. McVea, city engr., new incinerators. $75,000.

CONTRACTS AWARDED

N. Y., Buffalo—Commissioner Pub. Wks., garbage disposal plant, to Hiler Eng. Constr. Co., 60 Wall St., New York City, $459,000. Noted Mar. 19.

Bridges

PROPOSED WORK

Mass., Dorchester (Boston P. O.)—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, making sketches 40 ft. steel girder bridge, concrete abutments over New York, New Haven and Hartford R.R. tracks, at Popes Hill, here. To exceed $25,000. J. R. Rablin, c/o owner, engr.

N. Y., Buffalo — Erie Co. plans 3 new bridges, 200 ft. span over Cattaraugus Creek, 100 ft. span over Big Sister Creek, and 400 ft. span over Eighteen Mile Creek. To exceed $250,000. G. C. Diehl, Ellicott Sq. Bldg., engr.

Fla., Delray — Palm Beach Co. (West Palm Beach) election May 12, $60,000 bonds, for bridge over Florida Coast Line Canal, here. F. C. Fenno, West Palm Beach, co. clk.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids Mar. 16, bridges on Route 8, Sects. 44-B and C. Knox Co. F. T. Sheets, highway engr. Noted Apr. 2.

Kan., Holton—Jackson Co. making preliminary plans Bridge 1, 90 ft. steel span on concrete foundation, 20 ft. roadway, etc.; Bridge 2, 80 ft. steel span; Bridge 3, 70 ft. steel span, etc., all on Federal Aid Project 291-D. P. W. Wright, Holton, co. engr. Kansas Eng. Co., 1233 Webster St., Topeka, engrs.

Tex., Anderson—See "Streets and Roads."

Tex., Anson—See "Streets and Roads."

Tex., Bellville—See "Streets and Roads."

Okla., Anadarke—State Hy. Dept., Oklahoma City, made surveys 90 ft. steel truss bridge on concrete piers, Caddo Co., here $25,000. J. M. Page, Capitol Bldg., Oklahoma City, highway engr.

Okla., Chandler—Election soon $25,000 bonds, rebuilding concrete and timber bridge over 9th St. Benham Eng. Co., 512 Gumble Bldg., Kansas City, Mo., engrs.

Okla., Clinton — Custer Co. (Arapaho) plans bridge over Washita River, near here. $45,000.

Ont., Creemore — Simcoe Co. (Barrie) plans 80 or 100 ft. steel and concrete bridge, here. $25,000. F. Barber, 45 Jarvis St., Toronto, engr.

Ont., London — W. P. Near, city engr., preparing plans rein.-con. bridge. $100,000.

BIDS DESIRED

Pa., Erie — May 22, by City Council, Council Chambers, steel bridge over Pennsylvania R.R. Tracks, etc., connecting West 6th St. extension with Frontier Pl. Subdivision. A. N. Aitken, city engr.; adv. E. N.-R. May 7.

Md., Westminster—May 12, by State Roads Comn., Baltimore, triple span rein.-con. arch bridge over Monocacy River, here. J. N. Mackall, chn.

Louisiana—May 14, by State Hy. Dept., Reymond Bldg., Baton Rouge, constructing Minor Canal Bridge, 30 ft. steel I-beam and two 19 ft. creosoted timber approach spans, on Houma-Gibson Highway, State Project 325-B, Terrebonne Parish; also bridge twelve 19 ft. panels, 4 pile bents, 23,000 ft. creosoted and 16,000 ft. untreated lumber, over Bayou Isle, Des Cannes, on Lafayette-Abbeville Highway, Lafayette and Vermilion Parishes. W. B. Roberts, ch. engr.

La., Winnsboro — May 28, by State Hy. Comn., Reymond Bldg., Baton Rouge, 2 rein.-con. deck girder bridges, one four 31 ft. spans and other three 31 ft. spans over Turkey Creek, on State Project 371-A, Winnsboro-Vidalia Highway, Franklin Parish, here. W. B. Robert, Baton Rouge, ch. engr.

Ia., Logan—May 13, by Bd. Supervs. Harrison Co., one 80 x 16 ft. pony truss bridge with two 30 x 16 ft. I-beam approaches, etc., one 100 x 20 ft. high truss bridge and one 175 x 20 ft. high truss bridge with one 90 x 20 ft. and one 50 x 20 ft: pony truss approaches concrete abutments, etc., incl. 585,780 lb. structural steel, 95,845 lb. reinforcing, etc. T. A. Cherry, co. engr.

Tex., Brenham—See "Streets and Roads."

Tex., Dickens—See "Streets and Roads."

Tex., Fairfield—See "Streets and Roads."

Tex., Huntsville — See "Streets and Roads."

Tex., Laredo—See "Streets and Roads."

Tex., Linden—See "Streets and Roads."

Tex., Waxahachie — See "Streets and Roads."

Oklahoma—May 12, by State Hy. Dept., Oklahoma City, 5 span 2,120 ft. steel truss bridge on concrete piers, 56,300 cu.yd. embankment, etc., at Ralston, Pawnee Co. $300,000; and 1 span 42 ft. concrete bridge, 11,800 cu.yd. embankment, etc., on State Aid Project 128, at Mooreland, Woodward Co., $25,000. Noted Dec. 25.

BIDS RECEIVED

Pennsylvania—State Hy. Dept., Harrisburg, May 1, bridge on Route 105, Cameron Co., from Farris Eng. Co., Empire Bldg., Pittsburgh, Pa., $104,668. Noted Apr. 23 under "Street and Roads."

Georgia—State Hy. Dept., East Point, Apr. 24, bridges on Project 404-B, Chattahoochee and Muscogee Counties, from J. B. McCrary & Co., Citizens & Savings Bank Bldg., Atlanta, $44,797; bridges and culverts on Project 402-B, Madison Co., from E. M. Williams, Monroe, $29,254; bridges and culverts on Project 344-B, Meriwether Co., from Camp & Trammel, Moreland, $7,184. Noted Apr. 9.

Arkansas—State Hy. Dept., Little Rock, steel bridges, piers and abutments on Arkansas-Missouri Highway, 495 cu.yd. concrete, 2,200 ft. piling, 265 cu.yd. dry and 410 cu.yd. wet excav., 39,000 lb. reinforcing, 128,500 lb. structural steel, 31,400 lb. I-beam steel, etc., from Pioneer Constr. Co., New York Life Bldg., Kansas City, Mo., $27,406.

Tex., Jacksboro — See "Streets and Roads."

CONTRACTS AWARDED

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, one 80 ft. steel and three 40 ft. concrete span bridges, 20 ft., over Hatchie River, Federal Aid Project 100-B, Haywood Co., to A. O. Freeman & Co., Dyersburg, $41,028; three 30 ft. span bridge over Trammel Creek, State Aid Project 127-B, Sumner Co., to Montgomery & Parker Constr. Co., Rockport, Ind., $13,391. Noted May 7.

Ohio—Dept. Highways & Pub. Wks., Columbus, concrete bridge on Sect. "H-Bridges" Woodsfield-Sisterville Rd., Monroe Co., to Hardman & Minns, Spencer, W. Va., $39,075; temporary bridges on Sect. "Twin Cr. Bridges" National Rd., Preble Co., to L. Pickering, Bellefontaine, $3,551. Noted Apr. 23.

O., Dayton—Dept. Pub. Serv., Island Park Bridge over The Great Miami River, at Helena St., to G. Wiley Constr. Co., Arcade Bldg., Dayton. Noted Apr. 30.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, bridge on Route 4, Sect. 30-B, Cook Co., to G. Welch, Beloit, Wis., $46,529; bridge on Route 19, Sect. 36-D, Cook Co., to R. Mann, 2031 3rd Ave., Rockford, $40,637. Noted Dec. 11.

Ia., Boone—Boone Co., three 12 x 8 x 25 ft. and one 8 x 8 x 22 ft. box culverts, one 14 x 18 ft., one 24 x 20 ft., one 16 x 18 ft. and one 22 x 18 ft. slab bridges, one 36 x 18 ft. I-beam bridge on one 90 x 20 ft. and one 50 x 18 ft. pony truss bridge, to B. Cole, Ames, $32,000; 2,480 ft. 12 in. corrugated and 520 ft. 15 in. pipe, to Klauger Mfg. Co., 9th and Washington Sts., at $0.56 and $0.69 per ft. respectively; 1,000 bbl. cement, to Fehleisen & Rosacker, Boone, at $0.66 per sack, in warehouse at Boone.

Ia., Cherokee—Cherokee Co., 5 I-beam and 1 pony truss bridges, also 52 culverts, etc., to Material Supply & Constr. Co., Boone. Engrs. est. $50,000.

Ia., Manchester—Delaware Co., 4 I-beam and 2 pony truss bridges, also 21 box culverts, in various parts of county, to Fifield Constr. Co., Waterloo, $31,200.

Ia., Montezuma—Poweshiek Co., 2 pony truss and 2 I-beam bridges, etc., to Iowa Bridge Co., 1263 East 19th St., Des Moines, $37,000.

Ia., Oskaloosa — Mahaska Co., 1 I-beam bridge and 38 box culverts, etc., in various parts of county, to H. E. Whitlatch, Oskaloosa, $25,783.

Ia., Poweshiek—Montezuma Co., 2 pony truss and 2 I-beam bridges and 10 box culverts in various parts of county, to Iowa Bridge Co., 1263 East 19th St., Des Moines, $37,000.

Ia., Washington — Washington Co., 2 I-beam and 2 slab bridges, 2 abutments and 27 box culverts, to White Yard Co., Washington, $44,974.

Washington—State Hy. Comn., Olympia, 221 ft. T beam type, rein.-con. bridge on State Rd. 2, King Co., to Colonial Building Co., Hutton Bldg., Spokane, $26,596. Noted Mar. 26.

Dams

PROPOSED WORK

Minn., Rice—Minnesota Power & Light Co., Duluth, W. S. Robertson, genl. mgr., plans power dam, 16,500 hp. capacity, across Mississippi River, here. $2,000,000.

Ont., Brampton—Making surveys for dam and embankment to change course of river. $250,000. W. H. Riehl, City Hall, engr.

BIDS DESIRED

Calif., Merced—June 2, by H. P. Sargent, secy., Merced Irrigation Dist., Bancroft Bldg., 14 plate steel gate leafs with structural and cast steel frame, 14 cast steel bearing plates, 84 semi-steel crest plates, 4 sets gate operating gearing, consisting of cast steel gears and racks with screw stems on cast steel bed plate, worm and bevel gear drives, 2 motor-driven gate operating cars, 1 traveling crane, 1 centrifugal pump, 2 hydraulic ejectors, 1 high pressure oil pumping system, etc. for Exchequer dam and power plant.

Railways

PROPOSED WORK

Maine—Aroostook Valley Electric R.R. Co., Presque Isle, plans extending railroad from Sweden Station to St. Agatha, Aroostook Co. H. N. Crandall, Presque Isle, genl. mgr.

California—City of San Francisco and San Francisco Co., making survey extending Potrero Ave. municipal railway line to Excelsior Dist., in San Francisco. $1,000,000. M. M. O'Shaughnessey, San Francisco, city engr.

Ontario—Hydro-Electric Power Comn. of Ontario, 190 University Ave., Toronto, plans double tracking ½ mi. street railway on London St., in Windsor. $50,000. F. A. Gaby, ch. engr.

CONTRACTS AWARDED

Missouri—Missouri Pacific R.R. Co., Railway Exch. Bldg., St. Louis, second track, etc. 18.85 mi. road between Isbell and Gasconade, 2.63 mi. between Allenton and Eureka, 3.65 mi. between Moreau tunnel and Osage, etc., to Winston Bros., 2516 Wabash St., Minneapolis, Minn., who are considering informal bids on sub-contracts. Engrs. est. $2,000,000. Within next 3 years owner will complete double tracking system between St. Louis and Kansas City, total cost approximately $15,000,000.

California—City of San Francisco, Ocean View extension to municipal railway in San Francisco, to Eaton & Smith, 715 Ocean Ave., San Francisco, $101,947.

Quebec — Canadian Natl. Ry., 230 St. James St., Montreal, takes bids about June 1, branch line from Natl. Transcontinental to Rouyn Twp. $3,500,000. C. B. Brown, Montreal, ch. engr.

Ontario—Canadian Pacific Ry., Windsor Sta., Montreal, Que., will replace and renew ties on London Division of railroad, by day labor. $500,000. J. M. R. Fairbairn, ch. engr.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Okla., Dewey — Plans reclaiming 50,000 acres in Caney Valley. Election soon to vote on organizing district. $5,000,000.

Excavation, Drainage, Irrigation, Levees (Continued)

E. E. Blake, state comr. Irrigation & Drainage.

Ont., Comber—Tilbury West Twp., plans vitr. and field tile, timber or stone drains. $50,000. S. T. Anderson, twp. clk.

BIDS DESIRED

Ia., Newton—May 15, by C. B. Francisco, aud. Jasper Co., 900,000 cu.yd. excav. in D. D. 17.

Okla., Edmond—May 11, by W. A. Jackson, clk. Oklahoma Co., draining and ditching Smith Creek east of here, 84,751 sq.yd. excav., etc., for Smith Creek D. D. 9, $33,000; Wild Horse Creek northwest of here, 91,314 sq.yd. dry and 1,760 cu.yd. wet excav., for Wild Horse D. D. 12, $25,000. H. J. Wilkins, 227 West Grand St., Oklahoma City, engrs.

Okla., Marlow—May 11, by J. Tillerton, clk. Stephens Co., grading and draining Little Beaver Creek, 46,770 cu.yd. dry and 3,970 cu.yd. wet excav., etc., for Little Beaver D. D. 1, $30,000. H. J. Wilkins, 227 West Grand St., Oklahoma City, engr.

Ontario—May 12, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, dredging at Collingwood and Goderich.

BIDS RECEIVED

N. Y., New York—M. Cosgrove, comr. Docks, Pier A, Iost Battery Pl., North River, Apr. 30, dredging at Piers 53 to 56, North River, Contr. 1860, from Morris & Cummings Dredging Co., 17 State St., $27,354. Noted Apr. 23.

Wis., Milwaukee—Dept. Pub. Wks., Apr. 17, dredging approximately 115,000 cu.yd. various river and canal channels, from Great Lakes Dredge & Dock Co., 216 West Water St., at $0.435 per cu.yd. Noted Jan. 15.

CONTRACT AWARDED

La., Vidalia—Warnicutt Levee Dist., Concordia Parish, 265,000 cu.yd. excav., to Ogden & Lewis, Roumain Bldg., Baton Rouge, $52,470.

Ill., Urbana—Spoon River D. D., Champaign Co., c/o Dobbins & Dobbins, attys. Champaign, 368,780 cu.yd. excav. in main ditch and 5 branch ditches, to W. F. Sternberg, Piper City, at $0.12 per cu.yd.

Calif., Vista—Directors Vista Irrigation Dist., 3 tunnels 5 x 6.5 ft. diam., to C. F. Littlejohn, 626 South Spring St., Los Angeles, $27,142; Gunite bench flume, to D. H. Ryan, 1615 Fern St., San Diego, $168,819; 42 in. concrete pipe line, to Elliott & McKenna, c/o Santa Fe Ranch, Del Mar, $50,000; 100 tons 36 in. riveted steel pipe line, to Western Pipe & Steel Co., 5717 Santa Fe Ave., Los Angeles, $101,608. Noted Mar. 26.

Streets and Roads

PROPOSED WORK

Me., Portland—Plans widening Elm St. from Congress St. to Cumberland Ave., and other various improvements. $25,000. Engineer not selected.

Mass., Beverly—Voted $75,000 bonds, grading land around high school building. Engineer not selected.

Mass., Boston—City Planning Bd. plans extending Cotting St. from Lowell to Nashua Sts., West End. $100,000. F. H. Fay, chn.

Mass., Boston—Dept. Pub. Wks., plans constructing Wade and Ashford Sts., in Brighton, and widening Grampian Way, in Dorchester. $25,000. J. A. Rourke, comr.

Mass., Woburn—Voted $63,500 bonds, improving and constructing various streets. Engineer not selected.

R. I., East Providence (br. of Providence)—Town Council, W. E. Smyth, clk., plans improving and extending John St., Orlo and Blanding Aves. $25,000.

R. I., South Kingston—Plans new road from Kenyon Ave. to Town Farm, $25,000. S. L. Carpenter, highway comr.

Conn., Middletown—State Hy. Dept., Hartford, appropriated $80,000 for connecting highway, in connection with grade crossing elimination, here.

N. Y., Buffalo—Erie Co. plans concrete paving 25 mi. New Lake Shore Rd. $4,000,000. C. C. Diehl, Ellicott Sq. Bldg., engr.

New Jersey—Freeholders Hunterdon Co. (Lambertville), plans improving road between Lambertville and city line at Trenton, Kentucky rock asphalt. $25,000. G. Davis, Whitehouse Sta., engr.

N. J., Clinton—Bd. Freeholders Hunterdon Co., plans reconstructing Pittstown-Clinton Rd. $25,000. G. Davis, Whitehouse Sta., engr.

N. J., Vineland—Freeholders Cumberland Co. (Bridgeton), plans improving 1⅛ mi. Landis Ave., here. W. M. Sharp, Bridgeton, engr.

W. Va., Ripley—Jackson Co. plans election $90,000 bonds, road work in Washington Dist. E. Staats, Ripley, co. clk.

W. Va., Spencer—Roane Co. plans erection $75,000 bonds, improving roads in Curtis Dist. S. P. Whitney, Spencer, engr.

N. C., Chapel Hill—State University, H. W. Chase, pres., plans grading campus. $25,000 appropriated. Atwood & Nash, Chapel Hill, engrs.

N. C., Nashville—Nash Co. Hy. Comn., M. F. Manning, chn., making surveys and estimates, improving 47 mi. various roads. M. S. Davis, Louisburg, engr.

Tennessee—State Dept. Hys. & Pub. Wks., Nashville, did not accept bids which were advertised Apr. 24, concrete surfacing 8 mi. Clinton-Knox Co. line-Rd., 18 ft., Federal Aid Project 82, Anderson Co. Will readvertise. J. G. Creveling, highway comr. Noted Apr. 9.

Tennessee—State Dept. Hys. & Pub. Wks., Nashville, making surveys constructing 6 mi. Sunbright-Scott Co. line Rd., Morgan Co., 6 mi. Nashville-Murfreesboro Rd., Davidson Co., 18 mi. Dover-Clarksville Rd., Stewart Co., 10 mi. Crab Orchard-Crossville Rd., Cumberland Co., 10 mi. Carthage-Wilson Co. line Rd., Smith Co., and 7 mi. Hornbeak-Troy Rd., Obion Co. J. G. Creveling, highway comr.

O., Canton—Stark Co. takes bids in spring, improving 1.5 mi. Canton-Sherman Church Rd., $30,000; also Brewster-Canal Fulton Rd. A. M. Wise, Court House, Co. engr.

O., Columbus—Making plans grading, laying necessary water services and sewer connections and paving 471 ft. Chapel St., 21 ft., brick $5, 539; concrete $5,042; 1,008 ft. alleys West Michigan and Linwood Aves., 20 ft., brick $7,313, concrete $6,415; 3,586 ft. Charles St., Huron and Frederick Aves., brick $68,524, asphalt $57,865; 349 ft. alley North Leonard Pl., 14 ft., brick $2,164, concrete $1,928; 629 ft. alley West Findlay Ave., 16.5 ft., brick $3,667, concrete $3,236; 341 ft. alley North Jackson St., 15 ft., brick $1,982, concrete $1,755. R. H. Simpson, city engr.

O., Dayton—Plans curbing, guttering and brick, asphalt or rein.-con. paving 5,000 sq.yd. Niagara St. $33,370. J. F. Hale, city engr.

O., Lisbon—Columbiana Co. takes bids in spring, brick paving Summitville-Salineville Rd., $55,000 and Petersburg-Unity Rd., $25,000; improving Pine Lake Rd., $25,000. L. C. Kirk, Lisbon, engr.

O., New Philadelphia—Tuscarawas Co., plans concrete or macadam paving 3.593 mi. Cambridge-New Comerstown Rd., 16 ft. $143,799. E. Stingel, New Philadelphia, engr.

O., Wellsville—Bd. Control soon takes bids improving Wells Ave., $33,738; and Lisbon St., $25,555. J. George, Wellsville, engr.

Ill., Collinsville—Making preliminary plans grading, curbing and hard surfacing Lebanon Rd. from Church St. to city limits, Norwood Ave., South Aurora, Orient and East Church Sts. $70,000.

Ill., East St. Louis—Takes bids about June 1, curbing and 8 in. concrete surfacing 4,280 sq.yd. 12th St., and asphaltic concrete surfacing 7,520 sq.yd. Gray Blvd., $39,200; also 1,496 ft. 8- to 12-in. vitr. clay sewers in Brockman Pl., $3,400. W. McK. Brown, City Hall, engr.

Ill., Kewanee—Henry Co. plans grading, curbing and granite on rein.-con., rein.-con., brick, rein.-con. or Warrenite bitulithic surfacing 1,800 ft. Beach and Birch Sts. from Prospect to Division Sts. Rein.-con. on granite $29,863, other types $30,023. J. G. Palmer, City Hall, engr.

Ill., Petersburg—Making plans paving various streets joining present city pavements with paved highways. $80,000. Holbrook, Warren & Van Praag, 416 Millikin Bldg., Decatur, consult. engrs.

Ill., Wheaton—Du Page Co. soon takes bids concrete surfacing 6,536 sq.yd. Wayne Rd., State Aid Project 11, Sect. 38. E. L. Gates, co. highway supt.

Wisconsin—State Hy. Comn., Madison, **(F.A.P. means Federal Aid Project)** plans grading and top soiling 15.6 mi. Kilbourn-Friendship-Wisconsin Rapids Rd., F.A.P. 394-A, Adams Co., $100,000; gravel surfacing 6.25 mi. Kilbourn-Friendship-Wisconsin Rapids Rd., F.A.P. 394-B, Wood Co. $75,000, 1 mi. Stinson Hill, intersection of Trunk Highways 23 and 73, F.A.P. 351-A, Green Lake Co. $12,000, Shullsburg-Monroe Rd., F.A.P. 374-C, Lafayette Co., $55,000, Prentice-Clifford-McCord-Rhinelander Rd., F.A.-P. 335-A, Oneida Co. $15,000, 4.6 mi. Red Wing-Ellsworth Rd., F.A.P. 384-B, Oneida Co., $44,000, 4 mi. Stiles Junction-Wausaukee-Michigan State Line Rd., F.A.P. 348-A, Marinette Co., $84,500; concrete paving 5 mi. Spooner-Superior Rd., F.A.P. 377-B, Douglas Co. $160,000, 3.9 mi. Kilbourn Rd., F.A.P. 361-B, Racine Co., $125,000; constructing concrete Sink Hole on Trunk Highway 41, Jefferson Co., $5,000; clearing, grubbing, bridging, etc. F.A.P. 37[illegible] Washburn Co., $62,000; eliminating [illegible] grade crossings and gravel surfacing Prentice-Clifford, McCord-Rhinelander Rd., F.A.P. 355-A, Lincoln Co., $55,000. J. F. Donaghey, highway engr.

Wisconsin—State Conservation Comn., Madison, plan improving roads in North[illegible] Forest Park, Vilas Co. $19,000, Devil Lake Park, Sauk Co. $7,500, Interstate Park, Polk Co. $2,500, Crystal Spring Rds., 1, 2 and 3, Peninsula Park, Door Co. $5,000. E. S. Hall, Madison, comr.

Ia., Cedar Rapids—Plans concrete surfacing 4,668 sq.yd. 11th St. W. and Hinkley Ave.; brick surfacing 2,410 sq.yd. 2nd St. W. and 7th Ave.; and concrete curbing and guttering 1,837 ft. Hinkley Ave. and 2nd St. W. $30,000. T. F. McCauley, city engr.

Neb., Pender—Making preliminary plans grading, curbing and hard-surfacing 2 blocks various streets. Nixon & Reynolds, 305 Grain Exch. Bldg., Omaha, engrs.

Neb., Wilbur—Making preliminary plans grading, curbing and hard-surfacing 2 blocks various streets. Nixon & Reynolds, 305 Grain Exch. Bldg., Omaha, engrs.

Mo., Clayton—City Clerk takes bids in June grading, concrete curbing, guttering and asphaltic paving 20,000 sq.yd. Handy Rd. from Clayton Rd. to north city limits, $75,000. Keck Surveying Co., 721½ Chestnut St., St. Louis, engr.

Mo., Palmyra—Plans grading, curbing and concrete paving, approximately 18,000 sq.yd. various streets. $60,000. W. E. Rollins & Co., 521 Railway Exch., Kansas City, engr.

Mo., Webb City—Voted $40,000 bonds paving various streets. R. Hodgston, Webb City, engr. Noted Apr. 23.

Arkansas—State Hy. Dept., Little Rock, making preliminary plans grading, gravel surfacing, etc., Van Buren-Alma Rd., Crawford Co., incl. steel bridge across Clear Creek, $80,000; grading, hard surfacing, etc., 25 mi. Warren-Starr City Rd., Bradley, Cleveland and Lincoln Counties, and 10 mi. Foreman-Lewis Ferry Rd., Little River Co. R. C. Limerick, highway engr.

Tex., Anderson—Grimes Co. making plans grading, bridging, etc. 6.71 mi. State Highway 6, 26 ft. $75,000. O. A. Seward, Jr., Navasta, co. engr.

Tex., Anson—Jones Co. making plans grading, bridging, etc. 11.5 mi. State Highway 30, $34,000; 15.4 mi. State Highway 18, $74,500; and 20 mi. State Highway 93, $41,050, all 26 ft. J. W. Puckett, Stamford, co. engr.

Tex., Bellville—Austin Co. making plans grading, bridging, etc., 16.9 mi. State Highway 36, 26 ft. $120,000. H. Schroeter, Wallis, co. engr.

Tex., Corsicana—Navarro Co. c/o B. W. George, judge, election May 7, $7,000,000 bonds for road work. W. W. McClendon, Corsicana, engr.

Tex., Denton—Making plans paving Texas St. and Bell Ave. near Industrial Arts College. $25,000. H. L. Brewster, Denton, engr.

Tex., Galveston—Election May 12, $275,000 bonds for paving and $2,000,000 bonds for grading various roads. C. B. Holt, city engr.

Tex., San Diego—Duval Co. making plans surfacing 3.98 mi. State Highway 12-A, 18 ft. $36,000. F. E. Hess, Floresville, engr.

Tex., Wortham—Election soon $60,000 or more bonds, surfacing various streets. A. J. McKinney, city secy. engr.

Okla., Holdenville—Plans grading, curbing and concrete surfacing 9,480 sq.yd. North Kelkar St., $39,460; and 6,170 sq.yd. North Gulf St., $28,316. C. H. Edge, Holdenville, engr.

Okla., Jefferson—Waurika Co. election soon $125,000 or more bonds, hard-surfacing Meredian Highway from north line of County to Red River. Address County Commissioners. Engineer not selected.

Okla., Mangum—Making preliminary plans paving various streets. $60,000 or more. Benham Eng. Co., 512 Gumble Bldg., Kansas City, Mo., engrs.

Okla., Okemah—Soon takes new bids surfacing 4 blocks various streets. $25,000. Former bids rejected. Holway Eng. Co., Wright Bldg., Tulsa, engrs. Noted Jan. 8.

Okla., Stroud—Making preliminary plans additional paving in residential district. Election soon $60,000 or more bonds for same. Benham Eng. Co., 512 Gumble Bldg., Kansas City, Mo., engrs.

Colo., Denver—Plans asphalt paving 12 blocks North Denver Paving Dist. 8, $52,000; concrete paving 12 blocks Alley Paving Dist. 131 $25,000, 12 blocks Dist. 132 $29,404, 12 blocks Dist. 130 $33,213; curbing, grading and surfacing 0.5 mi. South Denver Impvt. Dist. 23 $60,000, Dist. 19 $194,244, 0.5 mi. Dist. 20 $158,705, also Dist. 22; sanitary sewer ½ mi. sq. in South Denver Sewer Dist. 12, Part A. A. K. Vickery, City Hall, engr. Noted Mar. 12.

New Mexico—State Hy. Comn., Santa Fe, made surveys relocating, grading and

Streets and Roads (Continued)

gravel surfacing approximately 40 mi. road from Las Cruces, Dona Co., to Cambray, Luna Co. J. French, Santa Fe, highway engr.

Ore., Portland—City Council takes bids about June 1, widening 1.5 mi. Powell Valley St., 60 to 80 ft., and paving ¼ mi. approach to Ross Island bridge, 38 ft. $140,000. R. Laurgaard, City Hall, engr.

Calif., Salina—Made plans grading, concrete curbing and 5 in. concrete paving 82,874 sq.ft. Pine St. between South Main and California Sts. H. F. Cozzens, city engr.

Calif., San Diego—Common Council plans improving West Point Loma Blvd., DeFoe, Voltaire, and Bacon Sts., 386,439 sq.ft. 1.5 in. asphaltic concrete on 3 in. bituminous paving, 9,745 sq.ft. cement sidewalks, 1,312 lin.ft. 6 in. cement curbing, etc.; also 32nd and Grape Sts., 67,202 sq.ft. 1.5 in. asphaltic concrete on 4 in. concrete paving, 9,798 sq.ft. 4 in. concrete paving, etc. F. A. Rhodes, ctiy engr.

Ontario—Dept. Provincial Highways, 110 University Ave., Toronto, plans grading $7,050, oil surface treatment $17,190, maintenance macadam $700, maintenance gravel $20,575; also macadamizing 2 mi. highway at Tillsonburg, $60,000. G. Hogarth, ch. engr.

Ontario—Dept. Pub. Highways, 110 University Ave., Toronto, plans 5 mi. macadam road in Welington Co. $78,000. G. Hogarth, ch. engr.

Ont., Guelph — Soon takes bids cement paving McTague, Stace and Powell Sts. $30,000. S. Nicklin, city engr.

Ont., Guelph—Dept. Pub. Highways, 110 University Ave., Toronto, plans concrete paving 35,000 sq.yd. highways in Wellington Co. $102,220. G. Hogarth, ch. engr.

Ont., Guelph—Plans concrete paving McTague St. $6,845, Slace St. $3,290, and Powell Ave. $6,945; concrete sidewalks on Alice St. $1,705, Allan Ave. $705, Bagot St. $2,222, Bedford St. $2,013, Brock St. $353, Cork St. $1,138, Earl St. $383, Elizabeth St. $862, Ferguson St. $588, Lyon Ave. $322, Morris St. $470, Spring St. $252, and Victoria St. $114. N. S. Nicklin, city engr.

Ont., Hamilton—Plans macadam, asphalt and concrete paving 5 mi. various streets. $500,000. W. L. McFaul, city engr.

Ont., Kingston—City Council soon takes bids sheet asphalt paving Earl, Johnston, William, Garrett and Barrack Sts. $54,000. H. S. Dick, city engr.

Ont., Kitchener—Waterloo Co. plans 12-15 mi. concrete and macadam roads. $277,000. L. S. Lichty, Court House, engr

Ont., London — Suburban Road Comn. plans concrete paving 12,500 sq.yd. Hyde Park Highway. $35,000. C. Talbot, County Bldg., engr.

Ont., Ottawa — Bd. Control soon takes bids macadamizing with tar finish Beechwood Ave. $12,000, 2nd Ave. $13,000; and asphalt paving Main St. $9,000. A. F. Macallum, city engr.

Ont., Ottawa—Plans tar bound macadamizing 9,000 sq.yd. Main St., 2nd and Beechwood Aves. $35,000. A. F. Macallum, city engr.

Ont., Riverside—Plans concrete paving Louzon Rd. $50,000. Code & Code, 116 Chatham St., Windsor, engrs.

Ont., St. Thomas—Plans asphaltic concrete paving 6,500 sq.yd. Woodworth Ave. $26,000. W. C. Miller, city engr.

Ont., Sarnia—Lambton Co. plans to expend $160,000 graveling 2 mi. various concrete and macadam paving roads. $160,000 G. A. McCubbin, Chatham, engr.

Ont., Stratford—Dept. Pub. Highways, 110 University Ave., Toronto, plans concrete paving 3.03 mi. St. Marys Rd. $81,800, surface treating 26.1 mi. macadam roads $23,490, 12.6 mi. gravel road maintenance $6,300, all above in Perth Co. G. Hogarth, ch. engr.

Ont., Toronto — Plans extending Shuter St. from Sherbourne to Ontario Sts., 5,000 sq.yd. asphalt (probably), etc. $120,000. R. C. Harris, city engr.

Ont., Toronto—Plans asphalt on concrete paving Vincent St. $10,867, Cavell Ave. $4,468, Paton Rd. $3,257, Hanson St. $8,494; bituminous concrete paving Spring St. $11,131, and Woodlee Rd. $5,812, concrete paving lane north of D'Arcy St. $3,291, and lane south of Wellesley St. $1,774; concrete sidewalks on Bingham Ave. $2,072, Montgomery Ave. $337, Durie St. $856, Spring St. $2,414, Scarboro Rd. $2,644, Meagher Ave. $1,691, and Hillsdale Ave. E. $2,926. R. C. Harris, city engr.

Ont., Toronto—East York Twp., Sammon Ave. Municipal Yard, plans 11,200 lin.ft. concrete sidewalks on Orley, McMichael, Holborne, Lumsden, Queensdale, Mortimer, Eldon and Nealon Aves. $26,000. G. R. Jack, twp. engr.

Ont., Toronto—York Twp., 40 Jarvis St., plans concrete sidewalks on Humbercrest Blvd., Langmuir Crescent, St. Johns Rd., Lesard, Schell and Waller Aves. $9,070, and Kersdale Ave. $7,015, grading Fife Ave. $15,500. F. B. Goedike, twp.-engr.

BIDS DESIRED

Mass., Northampton — May 11, by Bd. Pub. Wks., City Hall, graveling, curbing, laying sidewalks and rein.-con. paving various streets. T. F. McGrath, chn.; adv. E. N.-R. May 7.

New York—May 15, By A. W. Brandt Comr. State Dept. Pub. Wks., Albany, improving highways in Allegany, Broome, Cattaraugus, Chautauqua, Lewis, and Onondaga Counties; reconstructing highways in Greene, Nassau, Seneca, Suffolk, Ulster, and Westchester Counties; adv. E. N.-R. May 7.

N. Y., Geneva—May 19, by Bd. Pub. Wks., vitr. brick, bitulithic, sheet asphalt, asphaltic concrete or rein.-con. paving 16,000 sq.yd. various streets; adv. E. N.-R. May 7.

N. Y., Long Island City—May 8, by M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., grading and repaving West Alley and Alley Rds.

N. Y., New York — May 14, by H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., bituminous concrete paving Eden Ave.; asphalt and granite block paving Fordham Rd.; granite block paving East 149th St.; grading, etc. Adams St., Calhoun and Bogart Aves.

N. Y., St. George — May 12, by J. A. Lynch, pres. Richmond Boro, Boro Hall, napped granite block repaving Bank St. and Richmond Terrace.

N. Y., White Plains—May 20, by Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, grading, etc., Silver Lake Park. J. Downer, ch. engr.; adv. E. N.-R. May 7.

N. J., New Brunswick—May 14, by Bd. Freeholders Middlesex Co., concrete paving 41,090 sq.yd. River Rd. in Piscataway Twp. W. F. Buchanan, 175 Smith St., Perth Amboy, engr.; adv. E. N.-R. May 7.

N. J., Wildwood—May 20, by Bd. Freeholders Cape May Co., (Cape May) 2 course bituminous concrete paving 26th St. and Park Blvd., here.; adv. E. N.-R. May 7.

Pennsylvania — May 20, by Dept. Highways, Harrisburg, bituminous on concrete or rein.-con. paving about 44 mi. 14 project in 12 counties. Wright, secy.; adv. E. N.-R. May 7.

Pa., Chalfant—May 14, by Boro Council, W. Skelton, secy., vitr. wire cut brick paving about 40,000 sq.yd. North Ave. J. D. Hall, Municipal Bldg., Swissvale, boro engr.

Pa., Greensburg—May 11, at office W. A. Arter, controller, Westmoreland Co., reconstructing 9,597 ft. road in Penn Twp. starting at village Harrison City, extending to boro line of Manor; also Kentucky rock asphalt resurfacing 7,494 lin.ft., Irwin-Hahntown Rd., and amiesite or Kentucky rock asphalt resurfacing 10,551 lin.ft., Drennen-Pole Run Church Rd.

Pa., Narberth—May 18, by Highway & Sewer Comn., W. M. Wentz, chn., macadam paving, etc., 38,000 sq.yd. various streets.

Pa., Waynesburg—May 9, at office Comrs. Greene Co., Court House, bituminous or Kentucky Rock Asphalt on 10 in. crushed stone surfacing 14,435 ft. road known as "The Coallick" in Franklin, Jefferson and Greene Twps. R. I. Lemley, ch. clk.

Maryland—May 19, by State Rds. Comn., Baltimore, 6 sections highway in Baltimore City, Baltimore, Wicomico, Alleghany, Montgomery and Cecil Counties. J. N. Mackall, chn.; adv. E. N.-R. May 7.

Delaware—May 27, by State Hy. Dept., Dover, grading, guttering and concrete paving 0.966 mi. Contr. CN26; grading and concrete paving 0.64 mi. Contr. CK27; and grading, curbing and concrete paving 8.922 mi. Contr. 53; adv. E. N.-R. May 7.

Fla., Lake City—May 29, by City Comrs., City Hall, E. A. McColskey, mayor, paving, curbing, guttering and storm sewers in various streets. Robert & Co., Inc., Lake City, Fla., and Atlanta, Ga., engrs.; adv. E. N.-R. May 7.

Miss., Aberdeen—May 19, by R. C. Maynard, city clk., grading, curbing and 2 in. asphaltic concrete patented or non-patented paving, etc. 40,000 sq.yd. Commerce, Franklin, Meridian and Maple Sts. A. L. Dabney, 820 Columbia Tower Bldg., Memphis, Tenn., engr. Noted Apr. 9.

Louisiana—May 19, by State Hy. Dept., Reymond Bldg., Baton Rouge, graveling 3.69 mi. Federal Aid Project 149-B. De Ridder-Texas Highway, Beauregard Parish. W. B. Roberts, ch. engr.

Louisiana—May 28, by State Hy. Dept., Reymond Bldg., Baton Rouge, graveling 11.86 mi. State Project 450-A, Logansport-Gloster Highway, Desoto Parish. W. B. Roberts, ch. engr.

O., Akron—May 18, by W. F. Peters, dir. Pub. Serv., grading, curbing, laying sidewalks and vitr. brick paving 5,100 sq.yd. Merriman Rd., and 3,870 sq.yd. Ecton Rd. $67,200. E. A. Kemmler, Delaware Bldg., engr. Noted Apr. 30.

O., Cleveland Heights (Warrensville P. O.)—May 8, asphalt paving 15 various streets. To exceed $300,000. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

O., Lisbon—June 1, by Comrs. Columbiana Co., grading and macadam paving North Georgetown-Valley Rd. $29,000. L. C. Kirk, Lisbon, engr.

Ind., Bloomfield—May 8, by H. Schott, engr., Bloomfield, grading and graveling 3.9 mi. Daubenspeck Rd., $25,500, and 2.8 mi. Flory Rd., $25,600, for Greene Co.

Ind., Crown Point — May 11, by C. K. Wallace, engr., Crown Point, concrete paving 51,744 sq.yd. Dedelow Rd. $130,700, 38,028 sq.yd. Gleason Rd. $102,345, 53,856 sq.yd. Aubrey Rd. $143,000, and 49,632 sq.yd. Chapman Rd. $131,000, for Lake Co.

Ind., Evansville—May 8, by E. Meisinger, engr., Evansville, grading and graveling 3 mi. Hoeffling Rd., for Vanderburgh Co. $34,751.

Ind., Goshen—May 8, by C. L. Kinney, engr., Goshen, grading and graveling 15,770 ft. Brown Rd., 30 ft., $26,073; concrete paving 24,288 sq.yd. Thornton Rd., $54,277; for Elkhart Co.

Ind., Huntingburg—May 11, by City, improving 25,000 sq.yd. various streets; adv. E. N.-R. May 7. This corrects report in Apr. 30 issue.

Ind., Huntington—May 8, by P. V. Smith, engr., Huntington, sheet asphalt paving 11,264 sq.yd. Ditzler Rd. $26,235, 33,792 sq.yd. Kreigbaum Rd. $75,669, 12,672 sq.yd. Hier Rd. $29,751, and 29,388 sq.yd. Kitch Rd., $64,453, for Huntington Co.

Ind., Muncie—May 8 by G. Steffins, engr., Muncie, concrete paving 11,616 sq.yd. Trueblood Rd., for Grant Co. $26,200.

Michigan — May 15, by Bd. Comrs. Baraga Co., L'Anse, graveling 9.282 mi. State Trunk Line Rd. 69-4, 87,841 sq.yd. gravel.

Mich., Flint—May 18, by Genesee Co., concrete paving 8.913 mi. county road, Sects. A, B and C.

Mich., Jackson—May 11, by Jackson Co., graveling 2 mi. county road in Rives Twp., 4.78 mi. road in Norwell Twp.; and 3.4 mi. road in Liberty Twp.

Mich., Springfield — Taking bids concrete paving 7,929 sq.yd. Assessment Dist. 54, incl. 860 ft. 12 in. sewer; 1,349 sq.yd. Assessment Dist. 55, incl. 155 ft. 12 in. sewer; 11,685 sq.yd. Assessment Dist. 56, incl. 1,590 ft. 12 in. sewer; 5,670 sq.yd. Assessment Dist. 59, incl. 885 ft. 12 in. sewer; and 7,983 sq.yd. Assessment Dist. 60, incl. 1,254 ft. 12 in. sewer. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Ill., Lake Forest—May 15, by City Clerk, grading, curbing and concrete surfacing 24,990 sq.yd. Northmoor Terrace. $145,000. N. W. Campbell, 4 Market Sq., engr.

Wis., Green Bay—May 18, by H. J. Cormier, highway comr., Brown Co., improving 2 mi. West Holland Rd., 7,037 cu.yd. excav., 18,512 sq.yd. one course vibrolithic or concrete paving, etc.; 5,000 lin.ft. Oneida-Freedom Rd., 4,613 cu.yd. excav., 1,600 cu.yd. gravel or stone surfacing; grading 2,900 cu.yd. Pulaski-Anston Rd. J. T. Donaghey, Madison, highway engr.

Wis., Milwaukee—May 12, by Dept. Pub. Wks., grading and concrete paving 11,498 sq.yd. 9 various alleys.

Ia., Carroll — May 12, by Bd. Supervs. Carroll Co., W. T. Bohnenkamp, aud., grading, etc. Sect. B, Federal Aid Project 154, 117,911 cu.yd. earth excav., 2,560 cu.yd. channel change, 300,905 yd. overhaul, etc. J. F. Maher, co. engr.

Ia., Essex—May 11, by F. C. Peterson, city clk., grading and brick, asphalt, vibrolithic, bitulithic or concrete surfacing, etc. 22,000 sq.yd. various streets, Henningson Eng. Co., Natl. Bldg., Omaha, Neb., engr.

Ia., Logan — May 13, by Bd. Superv. Harrison Co., grading, etc. 11.855 mi. road north of Mondomin, 4,503 ft. guard rail, culverts, etc. T. A. Cherry, Logan, co. engr.

Minn., St. Paul—May 12, by H. W. Austin, city purch. agt., improving West 7th St. between Albion St.-Ft. Snelling bridge approach, etc. 27,434 sq.yd. sheet asphalt on 6 in. concrete, 2,163 sq.yd. sheet asphalt on 6 in. rein.-con., 9,560 sq.yd. sheet asphalt on 7 in. rein.con. paving 16,763 lin. ft. concrete curbing, etc., $135,000; also improving Edgecombe Rd. between Randolph and Scheffer Sts., 7,606 lin.ft. curbing, 10,364 sq.yd. sheet asphalt and 725 sq.yd. brick, paving, etc., 32,000. P. N. Coates, 900 Guardian Life Bldg., engr.

Minn., Warren—May 12, by A. G. Lundgren, aud. Marshall Co., (**S. A. R. means State Aid Road**), grading, etc., 11 mi. Job 2501, S. A. R.-H, $25,000, 11 mi. Job 2505, S. A. R.-E, $20,000; and 5.5 mi. Job 2506, S. A. R.-M, $12,000. I. E. Quist, Warren, engr.

Streets and Roads (Continued)

Neb., Wymore—May 12, by J. M. Fieselman, city clk., grading, curbing and various types paving 8,500 sq.yd. Dist. 6. $40,063. G. M. Helmig, Wymore, engr.

Tex., Breckenridge—E. R. Maxwell, city secy. and C. C. Todd, Jr., engr., City Hall, taking bids grading, curbing, storm sewers, hard-surfacing, etc. 25,000 or more sq.yd. various streets. $65,000.

Tex., Brenham—May 14, by Washington Co., grading, bridging, etc. 12 mi. Independence Rd. $140,000. G. A. Bracher, Brenham, engr.

Tex., Dickens—May 23, by Dickens Co., grading, bridging, etc. 12.44 mi. Highway 18, Federal Aid Project 446-A, $170,000. J. W. Alger, Dickens, engr.

Tex., Fairfield—May 21, by J. E. Johnson, engr., Teague, grading, bridging, etc. 6.87 mi. State Highway 7, Federal Aid Project 462, for Freestone Co., $90,000.

Tex., Huntsville—May 29, by D. K. Caldwell, engr. Walker Co., grading, bridging, etc. 15.57 mi. Willis-Montgomery Co. line Rd. Federal Aid Project 460-B. $170,000. Noted Dec. 4.

Tex., Laredo—May 22, by Court Comn. Webb Co., grading, surfacing and bridging 10.78 mi. State Highway 12-A, Federal Aid Project 436-A, 18 ft. $240,000. T. E. Huffman Pirie Bldg., Laredo, engr. Noted Jan. 15.

Tex., Houston—May 15, by J. McVea, city engr., paving various streets, $100,000; and macadam surfacing various suburban roads, $100,000. O. F. Holcomb, mayor.

Tex., Linden—May 19, by S. L. Henderson, judge Cass Co., clearing, grubbing, grading, bridging, etc. 6.82 mi. State Highway 48, Federal Aid Project 457-C. $69,275. F. E. Hess, Linden and Medical Arts Bldg., Dallas, engr. Noted Apr. 9.

Tex., Orange—May 15, by D. C. Bennett, judge Orange Co., 8,000 sq.yd. clam shell from Vidor north on Evadale Rd. $25,000.

Tex., Waxahachie — May 12, by H. R. Stovall, judge Ellis Co., grading, bridging, and concrete surfacing 4.83 mi. State Highway 34, Federal Aid Project 385-D, 18 ft., 119,986 lb. reinforcing, etc., $56,000; 5.89 mi. same road Sect. B, 24 ft., 54,302 lb. reinforcing, etc., $29,400. W. A. Spalding, Waxahachie, co. engr. Noted Apr. 23.

Tex., Wichita Falls — Taking bids permanent paving 25 blocks 12 various streets. $100,000. F. M. Rugely, Wichita Falls, engr.

Oklahoma—May 12, by State Hy. Dept., Oklahoma City, **(S. A. P. means State Aid Project, F. A. P. means Federal Aid Project)**, grading and concrete surfacing 5 mi. Haskel-Bixby Rd., 30 ft., S. A. P. 10, Wagoner Co. $150,000, 4.5 mi. F. A. P. 131, Oklahoma Co. $135,000, and 3.75 mi. Oilton Rd., 18 ft., F. A. P. 109-F, Creek Co. $111,000; grading and gravel surfacing 0.65 mi. Stigler Rd., 30 ft., F. A. P. 110, Haskel Co. $25,000, 7 mi. Schoteau-Locust Grove Rd., 30 ft., S. A. P. 49, Maize Co. $84,000, and 6 mi. Nowota-Chelsea Rd., 30 ft., S. A. P. 141, Nowota Co., $73,000; grading 10 mi. McAlester Rd., 30 ft., S. A. P. 50, Pittsburg Co. $30,000, and 3 mi. Yale Rd., 30 ft., S. A. P. 32, Payne Co., $25,000. J. M. Page, highway engr.

Okla, Okmulgee—May 11, by Clerk Okmulgee Co., grading and concrete paving 94,000 sq.yd. road east from Morris. $205,906. H. C. King, Court House, engr. Noted Apr. 30.

Idaho, Wallace — May 13, by Comrs. Shoshone Co., improving Coeur d'Alene Yellowstone Trail, Federal Aid Project 73-A and 64-B, 2,000 cu.yd. earth excav., 6,829 cu.yd. crushed rock shoulders, 111,447 sq.yd. paving, etc. P. E. Oxley, 202 Pioneer Bldg., Lewiston, dist. engr.

Calif., Chico—City Trustees, taking bids improving Laurel, Mill and Elm Sts., etc. 150,000 sq.ft. cement walks, 28,913 ft. concrete curb, 5,558 sq.ft. driveway approaches, 1,412 ft. depressed curb, etc.

Ont., Bridgeburg—May 11, by A. S. Jackson, town clk., concrete, sheet asphalt, tarvia penetration, macadam or asphalt penetration macadam paving 12,000 sq.yd. various streets. $50,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., Oshawa—May 14, by W. C. Smith, city engr., asphaltic concrete paving, etc. 8,000 sq.yd. various streets. $35,000.

BIDS RECEIVED

New Hampshire—State Hy. Dept., Concord, May 1, rein.-con. paving 19,917 sq.yd. East Side Rd., Coos Co., from P. J. Keating, 39 Kane St., Fitchburg, Mass., $50,512. Engrs. est. $63,852.

Massachusetts—Dept. Pub. Wks., State House, Boston, bituminous concrete paving 2,600 ft. highway in Sanwich, from, S. W. Lawrence, Falmouth, $7,241; bituminous macadam paving 3,600 ft. in Seekonk from J. McCormick, 319 Taunton Ave., East Providence, R. I., $23,316, 15,122 ft., in Belchertown from Lane Constr. Corp., 37 Colony St., Meriden, Conn., $121,901, 7,830 ft., in Groveland, from M. McDouough Co., Swampscott $42,583; waterbound macadam paving 3,686 ft., in Rehoboth and Dighton, from F. L. McNeil, Winthrop St., North Dighton, $15,364; improving 4,600 ft., in Mashpee, from Washburn & Sheridan, East Taunton, $19,998. Noted Apr. 23.

Massachusetts—Dept. Pub. Wks., Boston, Apr. 21, bituminous macadam paving 7,150 ft. highway in Stoughton and 2,331 ft. Holbrook, from Powers Bros., 161 Montello St., Brockton, $37,093 and $12,984 respectively. 3,410 ft. in Danvers from M. McDonough Co., Swampscott, $27,812, 4,748 ft. in Barnstable, from A. D. Bridges Sons, Inc., Hazardville, Conn. $24,503, bituminous macadam and concrete paving 8,850 ft. in Raynham, from Angelo Susi & Co., 12 Richfield St., Dorchester, $91,871; bridge and bituminous macadam paving 1115 ft., Sect. A Highway in Williamsburg, from Bianchi & Way, 62 Bliss St., Springfield, $19,236. Noted Apr. 16.

Rhode Island — State Bd. Pub. Wks., Providence, Apr. 22 concrete paving 1.72 mi. Nooseneck Hill Rd. in West Greenwich, Contr. 2504, Federal Aid Project 26, from A. D. Bridge's Sons, Inc., $95,721. Noted Apr. 16.

Rhode Island—State Bd. Pub. Rds., Providence, 250,000 gal. asphaltic oil or refined tar to certain sections of State Rds., from C. C. Plumb Constr. Co., 327 Howard Bldg., Providence, $0.84 per gal., total $21,000. Noted Apr. 24.

New York—A. W. Brandt, comr. highways, Albany, **(e. e. means engineers estimate)**, constructing and reconstructing 0.44 mi. Louden Highway 22, Albany Co., from H. Dumary, 119 State St., Albany, $28,453, e. e. $31,833; 4.27 mi. Waverly-Owego, Part 2, Highway 5168, Swartwood Crossing, Tioga Co., from Di Pilo & Balestreiri Constr. Co., Geneva, $116,173, e. e. $136,313; 5.38 mi. Ripley-Sherman, Part 2, Chautauqua Co., from F. J. Downing, Buffalo, $250,065, e. e. $298,860; 14.78 mi. East Branch-Downsville, Parts 1, 2 and 3, Delaware Co., from J. Walker, 19 Steuben St., Albany, $430,540, e. e. $662,050; 2.67 mi. Slate Hill Unionville Highway 160, Orange Co., from Hull & Saltzman, Highland Mills, $127,859, e. e. $148,181; 3.08 mi. Sanitaria Springs-Harpursville Highway 5243 B, Broome Co., from Ingersol & Barheit, Medina, $143,883, e. e. $174,833, 1.99 mi. Mayfield-Northville, Part 2, Highway 541, Fulton Co., from J. H. Gordon, 91 North Pearl St., $82,949, e. e. $92,974; 5.63 mi. Portville-Obi, Parts 1 and 2, Allegany and Cattaraugus Counties, from P. N. Carll, Olean, $242,386, e. e. $289,503; 8.46 mi. Forestburg-Monticello, Sullivan Co., from J. O. Arborio, New Haven, Conn., $389,734, e. e. $451,956; 4.85 mi. Canisteo-Whitesville, Part 5, Steuben Co., from C. A. Foote & Son, Mt. Morris, $223,561, e. e. $265,705; 4 mi. Trumansburg-Ithaca Highway, Tompkins Co., from H. W. Patterson, Hornell, $157,427, e. e. $184,273; 2.41 mi. Albany-Watervliet Co. Highway 977, Albany Co., from Fitzgerald Bros. Constr. Co., Inc., Proctor Bldg., Troy, $48,928, e. e. $59,510; 2.34 mi. Schenectady Co. line-Scotch Church, Saratoga Co., from J. B. Dower, Ballston Spa., $111,752, e. e. $128,644; 7.21 mi. Sherman-Mayville, Part 1, Chautauqua Co., from Webber Co., Ionia, Mich., $324,159, e. e. $397,797; 3.36 mi. Maine Highway 374, Broome Co., from O'Day & Ambrose, Binghamton, $146,882, e. e. $170,545; 1.87 mi. Morris-Gilbertsville, Part 1, Highway 315, Otsego Co., from Dale Eng. Co., Mann Bldg., Utica, $68,509, e. e. $73,831; 2.04 mi. Colliersville-Milford Center, Highway 318, and Milford Center-Milford, Highway 674, Otsego Co., from E. V. Chappell, 27 Wall St., Binghamton, $87,168, e. e. $98,779. Noted Apr. 9.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro Queens Subway Bldg., May 4, from Highway Impvt. & Repair Co., 50 Church St., New York City, paving Hinman St. $15,793, sheet asphalt paving 125th St. $10,944, grading, curbing and sidewalks, etc. on 53rd Ave. $12,131, 96th St. $10,576; from Silician Asphalt Paving Co., 41 Park Row, New York City, sheet asphalt repaving Old South Rd. $190,220, from Uvalde Asphalt Paving Co., 1 Bway., New York City, Beach 19th St. $46,135, Lincoln Ave. $54,655, from Cleveland Trinidad Paving Co., Flushing, Van Wyck Ave. $75,040; from Welsh Bros. Contg. Co., 32 Queens St., Astoria, grading, curbing, and sidewalks, etc. on Moore St. $18,990; from H. E. Kordes, 2577 Cooper St., grading 83rd Ave. $4,828; from J. J. O'Brien, William St., Jamaica, grading, sidewalks, etc. on 97th St. $2,695, 125th St. $7,374; from C. H. Georgi, grading, sidewalks, etc. on 91st Ave. $2,005. Noted Apr. 30.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., granite block repaving 128th St., from St. George Granite Co., 90 West St., $42,099; sheet asphalt repaving 67th St. and Lexington Ave., from Sicilian Asphalt Paving Co., 41 Park Row, $18,982 and $12,171 respectively, 119th St. from Interboro Asphalt Co., 2306 Creston Ave. $9,491, 2nd Ave., from J. Meehan & Son, 74 Cortlandt St. $15,778, West Ave., from Uvalde Asphalt Paving Co., 1 Bway., $24,265. Noted Apr. 23.

N. Y., New York—Park Bd., Dept. Parks, 5th Ave. and 64th St., Apr. 30, asphalt mastic repaving walks of Seward Park, from T. DiRoma, 33 Evelyn Pl., $22,800; asphaltic concrete paving entrance of Central Park, from Asphalt Constr. Co., 208 Bway., $5,484. Noted Apr. 23.

New Jersey—State Hy. Dept., Trenton, concrete paving 44,550 sq.yd. and graveling 29,200 sq.yd. Route 15, Sect. 7, Menantico Creek to Mauricetown Rd., from M. Staub, Pitman, $178,838. Noted Apr. 9.

N. J., Monmouth Beach—Monmouth Co. (Freehold), Apr. 23, concrete paving 21,760 sq.yd. Riverdale Ave. and Beach Rd., from Stryker & Stryker, 198 Monmouth St., Red Bank, $70,622. Noted Mar. 19.

Pennsylvania—State Hy. Dept., Harrisburg, May 1, **(A means Application and R means Route)** from Wilson Johnston Constr. Co., 107 West College Ave., Appleton, Wis., rein.-con. paving 10,506 ft. R. 75, A. 3384, Butler Co. $85,298, from General Paving Co., B. & B. Bldg., Allentown, 12,214 ft. A. 3220, Berks Co. $83,035, from Corrando & Gallardi Constr. Co., Colonial Natl. Bank Bldg., Connellsville, 42,470 ft. R. 337, A. 3176, Indiana Co. $348,586, from W. C. Horn Co., 108 South Main St., Athens, 4,025 ft. R. 299, A. 2341 Bradford Co. $30,000 from Colgan & Kelly, Box 339, State College, 3,502 ft. R. 28, Mifflin Co. $50,046, from E. A. Freshwater & Sons, Painesville, O., 5,591 ft. R. 347, A. 3138, Beaver Co. $45,743; from J. I. Dick, Scottdale, 3,938 ft. R. 70, Allegheny Co. $55,115; from J. A. O'Donnell, 142-144 East St., Coaldale, vitr. brick paving 375 ft. A. 3275, Carbon Co., $10,207, from Ancon Constr. Co., 650 Spring Ave., Collingswood, N. J., grading, etc. 40,318 ft. R. 193, Sect. 1, Huntingdon Co. $63,918, from Miller Constr. Co., Spirit Bldg., Punxsutawney, 51,826 ft. R. 105 Sect. 3, Cameron Co. $193,961. Noted Apr. 23.

Pennsylvania—State Hy. Dept., Harrisburg, **(A. means Application and R. means Route)**, rein.-con. paving 10,302 ft. R. 236 A. 3143, McKean Co., from Winter & Yaple, 909 Cascade St., Erie, $77,596, 11,167 ft. R. 174, Susquehanna Co., from Lincoln Constr Co., Strafford, $95,616, 50,542 ft. R. 294, A. 3355, Mercer Co., from J. C. Devine Co., Alliance, O., $379,343, 50,182 ft. R. 232 and 365, Wyoming Co., from Freeland Constr. Co., 501 Amer. Bank Bldg., Hazelton, $677,051, 41,872 ft. R. 164, Sect. 2, Monroe Co., from Nickell-Grahl Constr. Co., Box 67, Butler, $426,424, 9,587 ft. R. 288, Sect. 3, Fayette Co., from F. F. Hallam & Son, Fairmount, W. Va., $90,063; bituminous on concrete or rein.-con. paving 30,401 ft. R. 103, A. 3370-3308, Tioga Co., from D. L. Dennis, Smethport, $218,522; grading, etc., 69,413 ft. R. 7, Sect. 2, Pike Co., from W. A. Palmer, Inc., Bethlehem, $270,875. Noted Mar. 26.

Pa., Phila. — Bureau Highways, Pub. Wks., Apr. 28, grading Packer St., from Provident Housewrecking Co., 133 Greenwich St., $162,672; Pattison St. from 10th to 11th Sts. and 10th St., from Vare Constr. Co., 1120 Race St., $747,745; Pattison St. from 11th to Broad Sts., from Stange Constr. Co., 1703 North 55th St., $128,502; Pattison St. from 20th to Broad Sts., and 11th St., from F. J. Boas, 291 North Broad St., $183,628 and $192,415 respectively; 20th St., from McNichol Paving & Constr. Co., 1923 Cherry St. $173,141.

Delaware—State Hy. Dept., Dover, Apr. 22, from Old Line Constr. Co., Chestertown, Md., grading, etc., 1.09 mi. Dupont Rd. Lincoln City, Contr. SC-40, 3,000 cu.yd. excav. $1.25 per cu.yd., 100 cu.yd. borrow $1.25, 1,930 cu.yd. concrete paving $14.70, etc., total $34,694, from R. H. Johnson, Wilmington, 0.24 mi. roads in Drawyers, Contr. 37-D, 750 cu.yd. excav. $1.25 per cu.yd. 200 cu.yd. borrow $1.25 yd., 950 tons Br slag base course $5.14, 2,950 sq.yd. amiesite $1.76 per sq.yd. or 2,950 sq.yd. penetration macadam $1.38 per sq.yd., etc. total penetration $10,761, amiesite $11,882; from Lee & Marvel, Townsend, fill at Lum's Pond, 1,250 ft., Contr. CN-19A, 4,000 cu.yd. excav. $0.0895 per cu.yd., total $3,000. Noted Apr. 2.

Maryland—State Roads Comn., Baltimore, concrete paving 3.88 mi. Contr. Ce-48, Cecil Co., from Sutton Co., Jefferson Bldg., Phila., Pa. $113,402, 2.26 mi. Contr. T-22, Talbot Co., from Kauffman Constr. Co., Denton $54,145, 7.5 mi. Contr. G-29, Garrett Co., from Tri-State Eng. Co., Cumberland, $242,832, 0.78 mi. Contr. Ba-52, Baltimore Co., from Christhilf & Ensey Co., 1625 Ridgley St., Baltimore, $20,107; graveling 2 mi. Contr. SM, St. Marys Co.,

Streets and Roads (Continued)

from J. A. Wilmer, La Plata, $13,542; concrete shoulders on 11 mi. Contr. W-9A, Washington Co., from Development & Constr. Co., Amer. Bldg., Baltimore $114,-221, 8.75 mi. Contr. A1A, Allegany Co., from Cumberland Constr. Co., Cumberland $16,720, 4 mi. Contr. M-10-B, Montgomery Co., from J. H. Sieling, Laurel $41,454, 11 mi. Contr. H-1-A, Harford Co., from T. P. Murray, Towson $105,450. Noted Apr. 23.

Md., Baltimore—Bd. Awards, grading, curbing and asphalt paving 8,480 sq.yd. Contr. 279 OANA, from Tydings, Marine Co., 2 East Lexington St., $23,710; 13,550 sq.yd. Contr. 278-OC, from Amer. Paving Co., Montebello Ave., $67,304. Noted Apr. 23.

Kentucky—State Hy. Dept., Frankfort, Apr. 21, grading, waterbound macadam, bank and river gravel surfacing 2.689 mi. Louisville-Paducah Rd., State Project 8-B, Federal Aid 51-B, Henderson Co., from Corum Bros., Madisonville, $18,185; grading 2.121 mi. Salyersville-West Liberty Rd., State Project 28-A, Federal Aid 120-A, Magoffin Co., from Hunt-Forbes, Ashland, $42,514, and 4.816 mi. same road, Sect. B, Morgan Co., from Smith-Combs Co., Levi, $70,672. Noted Apr. 2.

O., Cincinnati—City, sidewalks, curbing and sheet asphalt repaving, etc., 4,400 sq.yd. Court St. and granite block paving 3,200 sq.yd. Augusta St., from Henkel & Sullivan, 105 Bell Block, $22,392 and $33,279 respectively. Engrs. est. $28,947 and $34,839 respectively. Noted Apr. 9.

O., Cincinnati—Hamilton Co., Apr. 24, 165,000 gal. tar, Grade 1, 227,000 gal. heavy oil, and 10,420 cu.yd. sand on various roads, from J. A. Nickoson, Saylor Park Sta., $74,909. Engrs. est. $95,220. Noted Apr. 16.

O., Cleveland—Cuyahoga Co., brick or concrete paving State Rd. 8, from Freshwater Constr. Co., Davis and Farley Bldg., concrete $303,635, brick $354,448.

Wis., Menasha—J. F. DeCaro, city clk., Apr. 21, curbing, guttering and rein.-con. surfacing approximately 10,556 sq.yd. Elm, and Tayco Sts., from Cox Co., Menasha, at $2.24 per sq.yd. Noted Mar. 26.

Wis., Milwaukee—R. Stoelting, comr. Dept. Pub. Wks., Apr. 27, from W. F. Hunt, 405 Bway., vibrolithic concrete paving 8,729 sq.yd. Burleigh St. $29,500, 1,680 sq.yd. Edgewater Ave. $6,673, 8,661 sq.yd. Lincoln, 28th, Arthur and Hayes Aves. $41,397, from A. E. Retzlaff, 868 Island Ave., eastern half of 60th St. from Pabst to North Aves., $6,522, from J. Bluhm & Son, 1298 Achilles Pl., 57th St. from Vliet to Vine Sts., $20,235; from Kroening Constr. Co., 39th Ave. and Mitchell St., paving Holt, New York, Illinois, Delaware and Pennsylvania Aves., one course concrete $133,506; 7 in. vibrolithic concrete $130,471, from White & Murray, 68 Wisconsin St., asphaltic concrete $143,056. Noted Apr. 23.

Missouri—State Hy. Dept., Jefferson City, Apr. 24, grading 4.472 mi. Clinton-Deepwater Rd., Henry Co., from Quinlan & Kerns Constr. Co., Kansas City, $7,409; 30 ft. grading 0.53 mi. and 4.665 mi. Horton-Nevada Rd., Vernon Co., from Lahar Bros., Sedalia, $15,178 and $29,537 respectively, 3.954 mi. road from Ava east and west, Douglas Co., and 3.618 mi. West Plains-Winona Rd., Howell Co., from Griffith & Harlin, West Plains, $27,119 and $21,587 respectively, 4.923 mi. road from Winona east and west, Shannon Co., from J. G. Nevels & Mosoner, Willow Springs, $30,944, 0.238 mi. Versailles-Gravois Rd., Morgan Co., from Kansas City Bridge Co., 510 Orear-Leslie Bldg., Kansas City $2,107, 0.208 mi. Weaublean-Wheatland Rd., Hickory Co., from H. D. Harper Constr. Co., Lena, Kan. $3,148, 4.28 mi. road from west West Plains and 20 ft. gravel surfacing 4.287 mi. road from Willow Springs north, both Howell Co., from S. P. Harlin, West Plains, $29,579 and $9,022, respectively; 26 ft. grading 2.466 mi. road from Forsythe north, Taney Co., from Littrell & Sprague, Inc., Wichita, Kan., $33,207; 18 ft. concrete surfacing 4.472 mi. Clinton-Deepwater Rd., Henry Co. from M. E. Gillioz, Monett, $44,424, 18 ft. chat surfacing 2.94 mi. Nevada-Ft. Scott Rd., Vernon Co., and 16 ft. gravel surfacing 2.311 Monett Rd. W., Barry Co., from Maney Bros. & Co. and Campbell Bros., Oklahoma City, Okla. $32,960 and $17,047 respectively; 18 ft. chat surfacing 2.74 mi. Nevada-Deerfield Rd., Vernon Co., from C. I. Williams, Monett, $24,486; 20 ft. gravel surfacing 4.243 mi. road from Willow Springs north, Howell Co., from Summerfield Jones Co., Billings, $13,433; 16 ft. gravel surfacing 4.545 mi. and 3.523 mi. Licking-Houston Rd., Texas Co., from S. S. Chaney, Branson, $45,186 and $23,768 respectively, 2.765 mi. road from Monett West, Barry Co., from S. C. Fox, Springfield, $19,717; 18 ft. gravel surfacing 4.824 mi. Kirksville-Greentop Rd., Adair Co., from S. A. Carlson, Macon $28,387, 4.946 mi. Queen City North Rd., Schuyler Co., from F. Eberhardt, Salinas, Kan., $23,177, 4.115 mi. Greentop-Queen City Rd., Schuyler Co., from B. Layton, Kirksville, $13,024; 12 ft. gravel surfacing 4.41 mi. Annapolis-Des Arc Rd., Iron Co., from Wilson Constr. Co., Warrensburg, $55,606, 3.939 mi. road from Fredericktown east and west, Madison Co., from Humphreys & Stebbins, Fredericktown $48,045, 2.765 mi. road from Versailles north and south, Morgan Co., from F. Kersting Co., Jefferson City, $22,640. Noted Apr. 16.

Ark., Arkadelphia—Grading, surfacing, etc. 20,000 sq.yd. various streets in Paving Dist. 2, from Cook & Ransome, Ottawa, brick at $2.90 per sq.yd.; from Mooney & Nickels, Hot Springs, 7 in. concrete, $2.30. Noted Mar. 19.

Ark., Hughes—Francis Co. improving 3.92 mi. Road Impvt. Dist. 5, 29.91 acres clearing, 24.62 acres grubbing, 48,603 cu.yd. excav., 8,218 tons gravel, etc., from W. H. Denison, Cushman, $33,102.

Tex., Jacksboro—H. C. McClure, judge Jack Co., Apr. 14, grading, clearing, grubbing, bridging, etc., 12.84 mi. State Highway 25, Federal Aid Project 568-B, 181,169 lb. reinforcing, etc., from Johnson Bros., Ardmore, Okla., $67,503. Noted Apr. 9.

Colorado — State Hy. Comn., Denver, gravel surfacing 3.181 mi. road between Durange and Bondad Rd. 19, Federal Aid 266-B, La Plata Co., from E. L. and J. L. Morrison, 315 West P. P. Ave., Colorado Springs, $17,272, engrs. est. $25,000; paving and bridging road extending southwest from Merino, Federal Aid 288-B, Logan Co., from Engineers Constr. Co., Greeley, $70,-413, engrs. est. $90,746; grading and paving 1,413 ft. approach to north end of bridge over Arkansas River Federal Aid 290-A and 169-R, Bent Co., from Salle Constr. Co., Pueblo, $34,561, engrs. est. $38,241.

Colorado—State Hy. Dept., Denver, grading, etc. 18,725 mi. Federal Aid Project 288-A in Logan, Washington, and Morgan Counties, from Scott & Curlee, Sterling, $102,627. Engrs. est., $104,400.

Colo., Denver—Dept. Impvts. & Parks, grading, curbing and paving South Denver Dist. 18, from Lawrence Constr. Co., 112 East Elate St., $88,230; Montclair Impvt. Dist. 2, from H. C. Lallier Constr. Co., Hudson, $119,245. A. K. Vickery, City Hall, engr.

Washington—State Hy. Comn., Olympia, from H. G. Johnson, Walla Walla, improving 5 mi. Inland Empire Highway, State Rd. 3, Walla Walla Co., 4,400 lin.ft. rein.-con. curbing at $0.60 per cu.yd., 9,340 cu.yd. earth excav. $0.42, 61,166 sq.yd. concrete paving $2.30, total $160,429; from Hardy & Richings, Yakima, 1 mi. Inland Empire Highway, State Rd. 3, Yakima Co., 6,710 cu.yd. excav. $1.10, 10,667 sq.yd. concrete paving $2.79, 1,230 cu.yd. backfill $2.50, total $54,838.

Calif., Redondo Beach—From H. Wigman, 1905 Summit St., Hermosa Beach, 2 in. on 6 in. concrete paving, etc., 128,560 sq.ft. Diamond St., $49,885.

CONTRACTS AWARDED

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam and bituminous concrete paving 8,850 ft. highway in Raynham, to Angelo Susu & Co., 12 Richfield St., Dorchester, $91,871; bituminous macadam paving 7,150 ft. highway in Stoughton, and 2,331 ft. in Holbrook, to Powers Bros., 161 Montello St., Brockton, $37,093 and $12,984 respectively, 3,410 ft. in Danvers, to M. McDonough Co., Swampscott, $27,812; bituminous concrete paving 4,748 ft. in Barnstable, to A. D. Bridges Sons, Inc., Hazardville, Conn., $24,503; bridging and bituminous macadam paving 1,115 ft. Sect. A, in Williamsburg, to Bianchi & Way, 62 Bliss St., Springfield, $19,326. Grand total $213,499. Noted Apr. 30.

Mass., Boston—Dept. Pub. Wks., bitulithic paving St. Marks Rd., Gorham, Deckard and Lanseer Sts., to S. J. Tomasello, 11 Cushing Terrace, Dorchester, $41,-557.

Mass., Boston—See "Materials."

Connecticut — J. A. MacDonald, comr. State Hy. Dept., Hartford, rein.-con. paving 6,960 ft. Shore Rd. in Westport, to Waterbury Concrete Constr. Co., 110 Grand St., Waterbury, $47,996; concrete paving 3,550 ft. West Sect. and 6,960 ft. East Sect. Boston Post Rd. in Westport, to Bridgeport Constr. Co., 355 Ridgefield Ave., Bridgeport, $71,077 and $69,045 respectively; native stone macadam paving 10,071 ft. Indian Wood River Rd. in East Lyme, to P. Benvenuti & Son, 74 Goshen St., New London, $50,791; waterbound macadam paving 12,996 ft. Dodington Rd. in Newtown, to J. Michiel & Bro., 58 High St., Torrington, $66,564. Total $304,733. Noted Apr. 23.

Conn., Hartford—Sheet asphalt on concrete paving asylum, Laurel and Ridgefield Sts., Maple, Bluehills, Capitol and New Britain Aves., to E. Balf Co., Haynes St., $199,180. Noted Apr. 23.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, grading, curbing, and flagging West 6th St., to W. J. McHale Contg. Co., 1250 Jefferson Ave. $2,557, 7th Ave., to Grimm Contg. Co., 170 McKinley Ave. $744, 81st St., to Galco Contg. Co., 745 Dean St., $5,101; asphalt paving 36th St., to Borough Asphalt Co., 1301 Metropolitan Ave. $9,041, 80th and 81st Sts., to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., $7,358 and $8,623 respectively. Noted Apr. 30.

N. Y., New York — H. Bruckner, pres. Bronx Boro., 3rd and Tremont Aves., grading, curbing, etc., Sedgwick Ave. to Remo Realty Co., 645 East Tremont Ave., $43,513; sheet asphalt paving East 214th St. and bituminous concrete paving East 149th St., to Interboro Asphalt Co., 2306 Creston Ave., $6,999 and $26,972 respectively; sheet asphalt paving Morris Ave. to Brusstar Constr. Co., Harlem River and 150th St. $64,282, Allerton Ave. to Gaffney Constr. Co., 50 East 42nd St., $91,-971; bituminous concrete paving McCombs Rd., to C. D. Beckwith, Inc., 2875 Bway., $168,979. Noted Apr. 23.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., to W. J. Fitzgerald, 547 West 45th St., sheet asphalt repaving 37th St. $18,748, 47th St. $28,410; to Brusstar Constr. Co., Harlem River and 150th St., West 170th St. $47,-513; to Uvalde Asphalt Paving Co., 1 Bway., 55th St. $27,711. Noted Apr. 30.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, grading and concrete paving Hylan Blvd., Contr. 5, to Fords Constr. Co., Inc., Fords, N. J., $89,-905; bituminous macadam paving Oakland Ave. and Prospect St., to Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $13,523 and $24,699 respectively, within franchise area of Staten Island Midland Ry., Richmond Rd., etc., to J. E. Donovan, 2205 Richmond Terrace, Port Richmond, $36,378. Noted Apr. 23 and 30.

N. J., Belmar — Boro Council, concrete paving F St., to Hyniger Bros., Belmar, $25,699. Noted Apr. 2.

N. J., Elizabeth—Bd. Pub. Wks., asphalt paving Palmlee, Canton, Burnham, Prince, Stewart and Arline Sts., to Gilligan, Barrett & Cahill, Broad St., Newark, $43,975.

Pennsylvania—State Hy. Dept., Harrisburg **(R. means Route and A. means Application)** to C. B. John & Bros., Malvern, rein.-con. paving 2,700 sq.yd. A. 2213 and 2212, Lebanon Co., $3.90 per sq.yd., total $151,757; to J. L. Plummer, Inc., Johnstown, 99,400 sq.yd. R. 121 and 122, Huntingdon Co., $3.32 per sq.yd., total $459,940; to M. J. McMahon, Brookville, 14,800 sq.yd. R. 358 and A. 3123, Jefferson Co., $3.50 per sq.yd., total $71,403 R. 63,357 and A. 3124-3126, Jefferson Co., $3.40 per sq.yd., total $94,891; to R. H. Cunningham & Son Co., Turtle Creek, 22,000 sq.yd. R. 268, Sect. 7, Washington Co., $3.50 per sq.yd., $221,970, 112,105 sq.yd., and 2,189 sq.yd. R. 62, Clearfield Co., $3.40 and $3.50 per sq.yd. respectively, total $673,572; to Blue Ridge Constr. Co., Uniontown, 14,750 sq.yd. R. 268, Sect. 5, Washington Co., $3.30, $80,572; to D. W. Challis & Sons, Sewickley, 39,750 sq.yd. R. 214 A. 3150, Clarion Co., $3.40, $189,103, to Connell, Laub & Bracht, Dayton, O., 73,200 sq.yd. R. 271-A-3286-3287, Crawford Co., $3.35, $322,498; to Cooper Constr. Co., Clymer, 48,600 sq.yd. R. 348 A. 3002 Westmoreland Co., $3.45, $247,699; to Forness & Tower, Olean, N. Y., 50,800 sq.yd. R. 89, A-2977-3271, Warren Co., $3.11, $234,239; to Meredith & McVaugh, Detroit, Mich., 26,500 sq.yd. R. 247, Allegheny Co., $3.40, $145,070; to Hardy & Rankin Co., Cannonsburg, 15,600 sq.yd. R. 115, Washington Co., $3.45 $85,040; to Standard Constr. Co., Altoona, 7,500 sq.yd. R. 188, A. 3039, Westmoreland Co., $3.57, $34,947; to Standard Paving Co., 1101 South Cicero Ave., Chicago, Ill., 4,480 sq.yd. A. 1928-1930, Clarion Co., $3.40, $28,683; to McDermott Constr. Co., Niles, O., 7,950 sq.yd. and 8,300 sq.yd. R. 204, Beaver Co., $3.60 and $3.35 per sq.yd., respectively, $77,773. Grand total $3,119,154. Noted Apr. 9.

Pa., Johnstown—Asphalt paving and about 4,000 ft. storm sewers in Somerset and A Sts., to C. S. Graham Co., Johnstown, $50,999; brick paving, etc. about 12,000 ft. 14 highways to Crissey Constr. Co., Johnstown, $117,183; storm sewers and concrete paving 22 jobs, to Bell Beckel Co., Inc., Johnstown, $115,245. Grand total $283,427.

Pa., Phila.—Bureau Hys., Dept. Pub. Wks., to Dewees Bros., 5th and Forhees Lane, grading Bristol, Cayuga, I. L. Luzerne, Lycoming, M, N, and Sedgley Sts. $107,112, Nippon and Wadsworth Sts. $12,004, to F. Mack Constr. Co., 2820 North 21st St., Calvert, Champlost, Fern, Godfrey, Hancock, Rosemar, Sparks and Spencer Sts. $20,234, to R. B. Wenner, 2313 Walnut St., Churchview St. $31,100, Duval St. and Wellesley Rd. $3,290, 20th St. $4,261, to

Streets and Roads (Continued)

Morrissey Bros., 4345 West 7th St., Conlyn St. $1,635, Front and Robat Sts. $1,358, to T. P. Lee, 5623 Cherry St., Drexel and Ruskin Rds. $7,543, to J. P. McGlory, 2074 North 62nd St., Durand and Idell Sts., $3,724, to H. A. McCleman & Bros., 130 Shunk St., Eastwick St. $14,798, to A. Forenzi, 513 High St., Haines St. (north sidewalk) $1,790, to C. De Vincentis, 1313 South Broad St., Locust, Pine and 47th Sts. $4,121; to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., asphalt paving Andrews St. $12,702, Montana St. $13,756, to Eastern Asph. Co., Colonial St., Belgrade, Miller and Willard Sts. $25,977, asphalt repaving Ellsworth St. $14,763, redressed granite block paving Catherine and Queen St. $17,718, South and Spruce Sts. $37,019, 12th St. $41,509, 17th St. $17,667, 19th St. $35,355; 22nd, 25th and 29th Sts. $23,224; to Barber Asphalt Co., 239 North 30th St., asphalt paving Malvern St. $10,572, Wister St. $16,351, 70th St. $3,224, asphalt repaving Ritner St. $6,790; to C. H. Centrone, Jefferson Bay, redressed granite block paving Midvale St. $24,000, Hillside vitr. block repaving Livingston St. $24,986; to J. Salvucci, 534 North 65th St., redressed granite block repaving Pulaski and 18th Sts. $27,315, 2nd St. $53,524; to United Paving Co., Real Estate Trust Bldg., Tasker St. $9,049, 16th St. $8,092, to Acchione & Canuso, 804 South 12th St., 11th St. $29,341, to Union Paving Co., 30th and Locust Sts., 19th St. $17,956; to City Paving Co., 1713 Passyunk Ave., concrete guttering Summit (Rex) Ave. $456, paving and repaving certain alleys (6th Highway Dist.) $5,417; to J. R. Monoghan, Water and Clarkson Sts., hire of motor trucks for hauling asphalt, $29,175.

Pa., Pittsburgh—Alleghaney Co., to McGrady Bros., Braddock, grading Chestnut St., and paving Butler and Keen Sts., in Springdale, paving 5th and 8th Sts., Oakmont, Woodland and Virginia Aves., repaving Washington Ave., grading Edgewood Ave., 6th and 8th Sts., in Oakmont; to Allegheny Paving Co., Pittsburgh, grading, paving and curbing Longvue Dr., Woodlawn Ave., and Spalding Circle, in Mt. Lebanon Twp., engrs. est. $40,000, to Mathew Ott & Co., 412 Warrington Ave., Alfred St., Lebanon, Hazel and Clearview Aves., in Mt. Lebanon Twp., engrs. est. $50,000, to J. Very Co., Castle Shannon, Saxonwald and Rosalea Aves., in Castle Shannon, engrs. est. $25,000. Noted Mar. 5.

Pa., Swissvale—Vitri. brick paving Braddock Ave., to T. George, Swissvale, $49,000.

Md., Baltimore — Bd. Awards, asphalt paving 14,080 sq.yd. Contr. 277-OCOA, to P. Flanigan & Sons, Harford Rd. and Baltimore & Ohio R.R., $63,635. Noted Apr. 30.

Md., Towson—Comrs. Baltimore Co. concrete paving 1 mi. Ridge Rd., Group 8, to Gosnell, Russell & Co., Frederick, $36,484; 1 mi. Benson Ave., Group 9, to Ward & O'Connell, New Amsterdam Bldg., Baltimore, $38,740.

Miss., Columbus—Grading, curbing, guttering and sheet asphalt on concrete surfacing 27,000 sq.yd. 3rd, College, and North 5th Sts., etc., to Morgan-Hill Paving Co., Woodward Bldg., Birmingham, Ala., $81,000. Noted Mar. 26.

La., Shreveport—Asphaltic concrete paving Madison Ave. from Kansas City Southern right of way to Hotchkiss St. to M. Hyman, Shreveport, $31,377.

La., Shreveport—To E. J. Deas Paving Co., Shreveport, paving Sycamore Ave. $6,285, and South McNeil Ave. $3,342; to Dept. Pub. Wks. by day labor, Kings Highway, $25,000.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, **(S. A. P. means State Aid Project, F. A. P. means Federal Aid Project)**, slag surfacing 8.56 mi. Crossville-White Co. line Rd., 16 ft., S. A. P. 130, Cumberland Co., to W. C. Anderson Constr. Co., $106,275; concrete surfacing 3.42 mi. Haywood Co. line-Fayette Co. line Rd., F. A. P. 204, Tipton Co., to S. K. Jones Constr. Co., Rand Bldg., Memphis, Tenn. $89,878, 7.02 mi. Athens-Monroe Co. line Rd., 18 ft., F. A. P. 60-A, McMinn Co., to Calloway & Fisher, Lenoir City $195,275, 10.71 mi. Brownsville-Tipton Co. line Rd., 18 ft., F. A. P. 100, Haywood Co., to C. L. Hart Constr. Co., Booneville, Ind., $291,622; bituminous concrete surfacing 4.4 mi. Franklin Co. line Rd., S. A. P. 103, Marion Co., to Texas Road Co., Dallas Co. Bank Bldg., Dallas, Tex., $45,674, 5.75 mi. Bells-Madison Co. line Rd., 16 ft., S. A. P. 165, Crockett Co., to Municipal Paving & Constr. Co., Johnston City, $131,259; bituminous macadam on crushed stone surfacing 3.11 mi. Morristown-Grainger Rd., 16 ft., S. A. P. 160, Hamblen Co., to R. L. Peters Constr. Co., Knoxville, $58,650; rein.-con. box culverts and concrete headwalls on Pelham-Monteagle Rd., S. A. P. 190, Grundy Co., to Alley Constr. Co., Jefferson City, $9,164. Grand total $92,833. Noted Apr. 9.

Tenn., Nashville—Rejected bids Apr. 24, rock asphalt surfacing 10 blocks Fatherland St. Work will be done by day labor. To exceed $25,000. W. W. Southgate, City Hall, engr. Noted Apr. 16.

Ky., Madisonville — Concrete sidewalks, curbing, guttering, etc., 6 mi. various streets, to White Constr. Co., 130 North Wells St., Chicago, Ill., $80,550.

Ohio—Dept. Highways & Pub. Wks., Columbus, grading, bridging and paving 1.405 mi. Sect. "F" Cleveland-Sandusky Rd., Erie Co., rein.-con., to Homberger & Wagar, Sandusky, $44,100; 1.637 mi. Sect. "O-2" National Rd., Miami Co., rein.-con., to C. Krampson, Dayton, $47,876; 3.593 mi. Sect. "J," Cambridge-Newcomerstown Rd., 0.979 mi. Sect. "Newcomerstown," Uhrichsville-Newcomerstown Rd., and 0.637 mi. Sect. "Newcomerstown" Newcomerstown-Uhrichsville Rd., all Tuscarawas Co., all rein.-con., to W. M. Brode, Newcomerstown, $117,066, $27,355 and $17,521 respectively; 1.656 mi. Sect. "C-1" Dayton-Lebanon Rd., Warren Co., bituminous macadam, tar, to C. J. Uible, Hillsboro, $31,160, 10.248 mi. Sects. "G," "H" and "K" Bowling Green-Fremont Rd., Wood Co., asphalt macadam, to J. Mathais, Toledo, $129,880. Noted Apr. 23.

O., Youngstown—Asphalt repaving Market and West Delason Sts., to Kelley-Meyer Co., Youngstown, $42,588 and $25,661 respectively, engrs. esst. $45,000 and $30,000 respectively; Florencedale St., to Branninger & Code, Youngstown, $26,161, engrs. est. $30,000. Noted Apr. 2.

Ind., Terre Haute — Vigo Co., concrete paving 2⅛ mi. Myers Rd., to Foulkes Constr. Co., 750⅛ Ohio St., $79,950. Noted Apr. 30.

Mich., Detroit—To Detroit Asphalt Paving Co., 909 Free Press Bldg., grading and sheet asphalt paving 5,375 sq.yd. Racine Ave. $25,138, 2,310 sq.yd. Charleston Ave. $11,010, 9,875 sq.yd. Manor Ave. $44,662, 5,400 sq.yd. Pinehurst Ave. $24,804, 2,175 sq.yd. Abrey Ave. $10,067, 2,105 sq.yd. Norwalk Ave., $10,011, 2,850 sq.yd. Sheehan St. $13,428, 4,180 sq.yd. Forest Lawn Ave. $19,514, 2,075 sq.yd. Pressler Ave. $9,967, 6,450 Carrie Ave. $29,722, 1,830 sq.yd. Curt Ave. $8,607, 2,330 sq.yd. Fordham Ave. $10,862, 835 sq.yd. Blair St. $4,404, 1,195 sq.yd. Troy Pl. $5,825, 3,580 sq.yd. Cherrylawn Ave. $16,141, 2,050 sq.yd. Concord Ave. $9,697, 6,250 sq.yd. Manistique Ave. $28,838, 16,050 sq.yd. Woodmere Ave. $69,099, 15,840 sq.yd. Elmhurst Ave. $71,667, 1,325 sq.yd. Saginaw Ave. $6,597, 5,300 sq.yd. Harold Ave. $25,356, 3,070 sq.yd. Sharon Ave. $13,829, 8,450 sq.yd. Wilshire Ave. $38,170, to Cleveland Trinidad Paving Co., 402 Hammond Bldg., 6,550 sq.yd. Holmur Ave. $29,760, 8,975 sq.yd. Quincy Ave. $40,394, 6,102 sq.yd. Lawton Ave., Sect. 4 $26,640, 3,870 sq.yd. Pilgrim Ave. $17,189, to Cooke Asphalt Paving Co., 1260 Penobscot Bldg., 4,475 sq.yd. Winchester Ave. $20,703, 8,600 sq.yd. Fernhill Ave. $39,311; to Bishop & Weir, 1305 Lafayette Bldg., one course concrete paving, 3,070 sq.yd. Alley 2150 $7,361, 1,880 sq.yd. Alley 2159 $4,707, to Otis Cement Constr. Co., 806 Hammond Bldg., 2,555 sq.yd. Alley 2151 $6,364, 2,390 sq.yd. Alley 2155 $5,837, 1,375 sq.yd. Alley 2156 $3,476, 907 sq.yd. Alley 2161 $2,322, to Wolverine Constr. Co., 400 Penobscot Bldg., 1,535 sq.yd. Alley 2153 $3,814, to R. J. Powelson Co., 6530 Epworth Blvd., 1,550 sq.yd. Alley 2154 $3,960, 1,140 sq.yd. Alley 2157 $2,810, 2,015 sq.yd. Alley 2158 $4,775, 1,390 sq.yd. Alley 2160 $3,477. Grand total $730,315.

Mich., Pleasant Ridge—Concrete paving 12,731 sq.yd. North and South Cambridge Aves., to R. D. Baker, 1631 Elmhurst Ave., Detroit, $36,348.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, grading Route 33, Sect. 3-A, Jasper and Crawford Counties, to D. W. Chapman, Vienna, $40,416; Route 40, Sects. 10-A and 11-A, c/o Jo-Daviess and Carroll Counties, to Winston Bros., 801 Globe Bldg., Minneapolis, Minn., $162,892. Noted Apr. 2.

Ill., Canton — Fulton Co., to Sutton & Moore, Canton, grading, curbing, paving, etc., North Ave. C from Chestnut to Spruce Sts. $9,649, West Spruce St. from Main St. to Avenue C $16,693, and East Myrtle St. from Main to 1st Sts. $3,764. Grand total $30,106.

Ill., Highland Park—Concrete surfacing 8,900 sq.yd. and macadam surfacing 150 sq. yd. various streets, to Western Impvt. Co., 840 9th Ave., Racine, Wis., $43,082. Noted Apr. 9.

Ill., Knoxville—Grading, curbing and surfacing Main St., 21,905 sq.yd. vitr. brick and 1,336 sq.yd. concrete, to Central Eng. Co., 809 Putnam Bldg., Davenport, Ia., $94,267. Engrs. est. $119,000.

Ill., Waukegan—Lake Co., grading 60,342 cu.yd. Volo-Fox Lake Rd., Sect. R-15-D, to Colburn-Thurston Co., Anoka, Minn., $33,152. Noted Apr. 9.

Ill., Wheaton—Du Page Co., to Powers-Thompson Constr. Co., Joliet, concrete surfacing 36,510 sq.yd. Irving Park Blvd., State Aid Project 12, Sect. 31, $63,598. 47,802 sq.yd. same street, Sect. 32, $82,218, 12,352 sq.yd. Eola Rd., State Aid Project 14, Sect. 28, $23,914, 55,546 sq.yd. Warrenville Rd., State Aid Project 6, Sect. 29, $89,645, 7,774 sq.yd. West Chicago Rd., State Aid Project 6, Sect. 34, $13,751; to R. F. Conway Co., 844 Rush St., Chicago, concrete surfacing 31,368 sq.yd. Downers Grove Rd., State Aid Project 9, Sect. 33, $64,333. Noted Feb. 5.

Wisconsin—State Hy. Comn., Madison, to P. Fess, Madison, improving Shawano-Bonduel Rd., Federal Aid Project 345-A, Shawano Co., 150 cu.yd. outlet ditch at $1 per cu.yd., 24,672 cu.yd. earth excav. $0.64, 225 cu.yd. loose rock excav. $1,542 cu.yd. solid rock excav. $3,911 cu.yd. borrow $0.80, 59,557 cu.yd. concrete surfacing, etc. $1.26, total $105,659; to M. Martin, Berlin, improving Green Bay-Oconto-Marinette Rd., Federal Aid Project 393-A, Oconto Co., 4.36 acres clearing $135 per acre, 3.08 acres grubbing $1.35, 22,69[illegible] cu.yd. earth excav. $0.68, 150 cu.yd. outlet ditch $1, 3,430 cu.yd. borrow $0.68, 50,94[illegible] sq.yd. concrete surfacing, etc., $1.19, total $86,082. Noted Mar. 19.

Wisconsin — State Hy. Comn., at Div. Office 8, First National Bank Bldg., Superior, to V. Nelson, Superior, improving 8.69 mi. Hayward-Cable Rd., Project 406-A, Sawyer Co., and Seeley-Cable Rd., Project 406-B, Bayfield Co., 21.86 acres clearing and grubbing at $65 per acre, 58,080 cu.yd. earth excav. $0.38 per cu.yd., 10,300 cu.yd. loose rock excav. $0.75, 4,840 cu.yd. borrow $0.45, etc., total $79,791. Noted Apr. 9.

Wis., Beloit—Bd. Pub. Wks. Comn., grading, curbing, rein.-con. paving 62,800 sq.yd. various streets, to G. Welch, 206 Water St., $171,850; grading, curbing, concrete paving 29,200 sq.yd. various streets, to Mathes Coal & Constr. Co., 1810 Bowditch St., Davenport, Ia., $91,576. Noted Apr. 2.

Wis., Fond du Lac—Bd. Pub. Wks. asphaltic concrete paving Mary's Ave., to White Constr. Co., 68 Wisconsin St., Milwaukee, $12,841; also Boyle Pl., 12th, 13th, Carpenter, Lloyd, Warner, South Sibley, Follette and South Sts., to J. Rasmussen & Sons, foot of 7th St., Oshkosh, $61,396. Noted Apr. 23.

Wis., Hudson — Bd. Pub. Wks., G. H. Tappine, pres., concrete paving 9,855 sq.yd. Vine and Locust Sts., to A. Larson & Co., Eau Claire, $23,856. Noted Mar. 26.

Wis., Markesan — Green Co. Hy. Comn. (Green Lake), grading and concrete surfacing 12,092 sq.yd. portions of John and Bridge Sts., to J. O. Legreid, Stoughton, $30,049. Noted Apr. 16.

Wis., Kenosha—J. Herzog, highway comr. Kenosha Co., concrete surfacing Bristol and Somers Rds., to L. C. Christianson, Cambridge, $117,776.

Ia., Marshalltown — Marshall Co., improving 4.445 mi. Laurel-Jasper Co. line Rd., Primary Road 409, grading, to J. Herbert & Sons, Marshalltown, $9,400; gravel surfacing, to Moore & Eldridge, Clemmons, at $1.88 and $0.38 for hauling; bridges, to B. Cole, Ames, $6,354. Noted Apr. 2.

Ia., Northwood—Worth Co., grading 125,625 cu.yd. Manly-Fertile Rd. to J. Cosgrove, Algona, at $0.225 per cu.yd.; and 61,548 cu.yd. road west of here, to B. N. Dilts & Son, Swaledale, $0.24 per cu.yd.

Minn., Fergus Falls—H. J. Collins, city clk., curbing and paving, etc., 21,670 sq.yd. various streets, to Super Way Co., Inc., Fergus Falls, $67,343. Noted Apr. 2.

Minn., Moorhead—R. G. Price, city clk., rock concrete paving, etc. 6 blocks 4th Ave. between 8th and 14th Sts., to W. E. Kennedy Co., 7 Bway., Fargo, N. D., $35,372. Noted Oct. 16.

Minn., St. Paul — H. W. Austin, city purch. agt., sheet asphalt paving 16,373 sq. yd. Hewitt Ave., to Hanlon & Okes, 1501 Merchants Natl. Bank Bldg., $55,654; 3,328 sq.yd. driveway in Como Park, to Fielding & Shepley, 216 West University Ave., $19,000; 4,932 sq.yd. Goodrich Ave. and 3,904 sq.yd. Como Ave. N., to Thornton Bros., 318 Endicott Bldg., $16,622 and $24,233 respectively. Grand total $115,509. Noted Apr. 16.

Neb., Crete—Grading, curbing, Warrenite bitulithic concrete paving, etc. 8,300 sq.yd. Street Paving Dist. 15, and 10,100 sq.yd. Paving Dist. 18, to Allied Contrs. Inc., 1803 Douglas Bldg., Omaha, $30,774 and $36,649 respectively.

Neb., Lincoln—To Abel Constr. Co., 318 Terminal Bldg., paving streets in Dist. 607 $62,984, Dist. 619 $16,503, Dist. 621 $2,283, Dist. 359 $12,382, Dist. 609 $4,984, Dist. 577 $11,549, Dist. 617 $1,185, Dist. 610 $4,184, Dist. 624 $3,872, also alley between E and F, 11th and 12th Sts. $1,202.

Neb., Stanton—W. E. Cook, City Hall, city clk., grading, curbing and Warrenite paving 16,480 sq.yd. various streets in Dist. 1, to Western Asphalt Paving Corp., 1st

Streets and Roads (Continued)

and Nebraska Sts., Sioux City, Ia., $45,462. Noted Mar. 26.

Missouri—State Hy. Comn., Jefferson City, to Stoner & Deering, Chamois, 30 ft. grading 0.186 mi. road from Festus south, Jefferson Co., $385, 1.85 mi. Flat River-Farmington Rd., St. Francois Co. $415, 16 ft. gravel surfacing 2.07 mi. Mt. Sterling-Drake Rd., Gasconade Co. $16,737; to Kelly & Underwood, Granby, 30 ft. grading 0.322 mi. Asbury-Joplin Rd., Jasper Co. $4,422, 3.653 mi. Nansfield-Mountain Grove Rd., Wright Co., $25,763; to Richards Constr. Co., Advance, 16 ft. gravel surfacing 4.068 mi. Longtown-Uniontown Rd., Perry Co., $37,729, to Public Works Constr. Co., Century Bldg., St. Louis, 3.875 mi. St. Genevieve-St. Maries Rd., St. Genevieve Co., $105,960; to A. G. Sherwood, Independence, grading 3.488 mi. road from Carthage east, Jasper Co. $14,765, 18 ft. concrete surfacing same road $56,519; to M. E. Gillioz, Monett, 30 ft. grading 4.661 mi. Branch-Buffalo Rd., Dallas Co. $32,815, 16 ft. gravel surfacing 0.395 mi. road from Seligman north and south, Barry Co., $4,265; to A. A. Davis & E. S. Wells, Grain Exch. Bldg. Oklahoma City, Okla., grading and 18 ft. concrete surfacing 4.167 mi. Levacy-Wellington Rd., Lafayette Co., $42,540 and $49,083 respectively, 3.594 mi. Wellington-Lexington Rd., Lafayette Co., $27,341 and $42,293 respectively; to Independence Constr. Co., Pittsburg, Kan., 4.729 mi. Asbury-Joplin Rd., Jasper Co., $28,126 and $78,715 respectively. Grand total $567,873.

Mo., St. Joseph—Bd. Park Comrs., grading 42,000 cu.yds. aviation field, to Pub. Wks. Co., St. Joseph $0.30 per cu.yd.

Arkansas—State Hy. Dept., Little Rock, grading, clearing, grubbing, gravel surfacing, etc. 5.05 mi. Federal Aid Project 192-B, Lee Co., to S. K. Jones, Rand Bldg., Memphis, Tenn., $36,745; 9.37 mi. Federal Aid Project 190-B, Lee Co., to J. A. Pardue & Co., Pine Bluff, $55,150, 8.93 mi. Federal Aid Project 221-A, Union Co., to Tarrant & Miles, El Dorado, $56,727; 2.57 mi. Federal Aid Project 172-A, Grant Co., to J. A. Mingea, Sheridan, $4,221. Grand total $152,843.

Arkansas—State Hy. Dept., Little Rock, grading, gravel surfacing, etc., 11.08 mi. Federal Aid Project 180-B, Poinsett Co., to C. Gregory, Little Rock, $45,671.

Ark., Texarkana—Grading, curbing and concrete surfacing approximately 16,000 sq.yd. Dist. 42, to O. D. Yenglin, Texarkana, $34,132.

Tex., San Antonio — Bitulithic surfacing curbing, etc. 7 blocks Cypress, Locust and Augusta Sts., to Southwest Bitulithic Co., Gunter Bldg., $39,753.

Tex., Sulphur Springs—Curbing, guttering and paving 1,930 sq.yd. various streets, to Fleniken Constr. Co., Shreveport, La., $30,000.

Okla., Cordell — Grading, curbing and concrete surfacing 30,317 sq.yd. Church, Calvary, Market and College Sts., to Connelly Bros. Co., Campbell Hotel, El Reno, $90,212. Engrs. est. $103,070. Noted Apr. 23.

Okla., Norman—For 6 in. concrete surfacing various streets, to E. R. Tibbett, 427 West 22nd St., Oklahoma City, $57,881. Noted Jan. 15.

Colo., Denver—To Western Paving & Constr. Co., International Trust Bldg., asphaltic concrete paving 12 blocks each West Denver Paving Dist. 4, $44,283, Capitol Hill Paving Dist. 21 $45,606, and asphalt paving Dist 23 $40,620; to Allied Contractors, Majestic Bldg., asphalt paving Dist. 26 $43,740, Dist. 27 $45,705, Dist. 11 $35,605, asphaltic concrete paving Dist. 25, $47,110; to New Mexico Constr. Co., 4015 Galapago St., asphalt paving Dist. 22, $39,395; to W. F. Pigg & Son, Commonwealth Bldg., concrete paving Dist. 121 $24,445, and Dist. 120 $24,277. Grand total $390,786. Noted Apr. 9.

Nevada—State Hy. Comn., Carson City, constructing 16.86 mi. Nevada-Utah State Line Highway, Route 1, Sect. G, Elko Co., 85,000 cu.yd. excav., 5,305 sta.yd. overhaul, 14.42 mi. prepared sub-grade for shoulders, 18,000 cu.yd. loading and screening, 36,000 cu.yd. hauling, 18,000 cu.yd. spreading gravel, etc., to C. A. Robinson, Twin Falls, Idaho, $68,607. Noted Mar. 26.

Arizona—W. C. Lefebvre, highway engr., State House, Phoenix, improving Benson-Douglas Highway, Federal Aid Project 79-A, 910 cu.yd. excav., 10,050 cu.yd. borrow, 5,000 sta. yd. overhaul, 58,133 sq.yd. 3 in. asphaltic concrete paving, etc., also Bisbee-Tombstone Highway 1,100 tons asphaltic concrete (patching), 5,500 tons asphaltic concrete, (hauling), 105,600 sq.yd. asphaltic flush surfacing, etc., to Phoenix-Tempe Stone Co., Phoenix, $95,931 and $26,543 respectively; improving Benson-Douglas Highway, Federal Aid Project 79-B, 4,802 ou.yd. excav., 5,043 cu.yd. borrow, 3,206 sta.yd. overhaul, etc., to Rogers Bros., Snowflake, $11,749. Grand total $134,222.

Washington—State Hy. Comn., Olympia, grading and concrete paving 4 mi. State Rd. 3 Inland Empire Highway from Walla Walla to Mill Creek and 1 mi. between Walla Walla and College Pl., Walla Walla Co., 64,491 sq.yd. concrete, to T. M. Morgan Paving Co., 929 13th North St. N., Seattle, $170,789; concrete paving 1.63 mi. Pacific Highway, Skagit Co., to Norris Bros., Burlington, $46,418. Noted Mar. 26.

Washington—State Hy. Comn., Olympia, to Anderson & Nelson, Tonasket, improving 7.5 mi. Pend O'Reille Highway, Pend O'Reille Co., 50,360 cu.yd. earth excav. $0.33 per cu.yd., 640 cu.yd. loose rock excav. $0.60, 7,230 cu.yd. solid rock excav. $1.60, 11,830 cu.yd. crushed rock surfacing $1.40, total $53,367, 9.6 mi. State Rd. 4, Lincoln Co., 38,510 cu.yd. earth excav. $0.23, 10,930 cu.yd. loose rock excav. $0.45, 7,100 cu.yd. solid rock excav. $1.20, 13,030 cu.yd. crushed rock surfacing $1.60, total $49,680; to Coyle Constr. Co., 901 Westlake St. N., Seattle, 2.76 mi. State Rd. 1, Pacific Highway, King Co., 51,200 cu.yd. earth excav. $0.40, 3,060 cu.yd. ditch $1, 4,390 cu.yd. gravel surfacing $1.50, total $47,653; to Brecht & Co., Portland, Ore., improving 3.2 mi. Navy Yard Highway, Kitsap Co., 30,240 cu.yd. excav. $0.52, 5,120 cu.yd. gravel surfacing $1.75, total $35,413; to F. McLellan, 1720 16th Ave., Seattle, improving 6.5 mi. Pacific Highway, Pierce Co., 8,520 cu.yd. excav., 31,373 sq.yd. concrete surfacing, etc., $2,15, total $76,077; to Johnson Constr. Co., Exch. Bldg., Portland, Ore., 4.5 mi. Pacific Highway, Clarke Co., 341,640 cu.yd. excav. $0.28, 20 acres clearing $200, 21 acres grubbing $300, 1,335,070 cu.yd. overhaul $0.175, total $156,680. Grand total $418,870. Noted Apr. 2.

Wash., Aberdeen — City Council, vibrolithic concrete paving Dists. 756, 757 and 758, to Haukeli, Hegg & Co., Aberdeen, $96,192. Noted Mar. 19.

Wash., Chehalis—City Council, improving LID-189, Donohue Addition, 3,950 lin.ft. concrete sidewalks, 7,100 cu.yd. earth excav., 11,000 sq.yd. 6 in. concrete paving, and LID-191, National Ave., 3,065 lin.ft. curbing, 6,000 cu.yd. excav., 6,161 sq.yd. 7 in. concrete paving, to Philbrick & Nicholson, Tacoma, $40,946 and $36,337 respectively. Engrs. est. $41,000 and $37,000 respectively. Noted Mar. 12.

Wash., Port Angeles—Clallam Co., gravel surfacing, etc., 9,600 cu.yd. Permanent Highway 7, to Dowell Constr. Co., 517 3rd Ave., Seattle, $25,869.

Wash., Tacoma—Comrs. Pierce Co., concrete paving 3 mi. Permanent Highway 24, to J. H. Collins, Auburn, $78,880. Engrs. est. $80,000.

Ore., Portland—City Council, to A. D. Kern, Exchange Bldg., improving Dekims Ave., 3,069 cu.yd. earth excav. $0.80 per cu.yd., 1,819 sq.yd. paving in tracks $1.90, 8,900 sq.yd. 2 in. asphaltic concrete top $1.15, and 8,900 sq.yd. 4 in. crushed rock base per sq.yd., etc., total $27,896. Engrs. est. $28,356.

Calif., Chico — City Trustees, improving various streets north of 5th St., east of Main St., etc., 373,000 sq.ft. grading, 17,000 sq.ft. 5 in. concrete and 373,000 sq.ft. 5 in. asphaltic concrete paving, etc., to Chico Contg. Co., Chico, $85,250. Noted Apr. 2.

Calif., Los Angeles—To Griffith Co., Railway Bldg., improving O'Farrell St., grading $9,300, 70,474 sq.ft. 1.5 in. asphaltic concrete on 5 in. concrete paving at $0.195 per sq.ft., 7.5 in. concrete paving $0.22, etc., total $40,335; to Grunwald & Tudor, Bartlett Bldg., improving Saturn St., grading $5,000, 170,112 sq.ft. oiled roadway at $0.05 per sq.ft., etc., total $37,743.

Calif., Santa Barbara — Supervs. Santa Barbara Co., improving 9.5 mi. Lompoc-Harris Station Rd., 38,000 cu.yd. excav., 902,000 sq.ft. asphaltic concrete paving, etc., to Southwest Paving Co., 806 Washington Bldg., Los Angeles, $162,999. Noted Feb. 19.

Ont., Kitchener—S. Cassel, clk. Waterloo Co., concrete paving 1 mi. Grohs Corners to Hespeler, to P. Bergmann, 128 King St., Waterloo; and 3 mi. Baden-Wellesley Rd., to Lichty Bros., Wellesley. Engrs. est. $120,000.

Ont., Niagara Falls—Will build concrete pavement on 2nd Ave., by day labor under direction of T. S. Scott, city engr. $50,000.

Buildings—Industrial

PROPOSED WORK

N. H., Keene—PLANT—Burdette Chair Co. plans rebuilding plant, recently destroyed by fire. $80,000. Engineer and architect not selected.

Mass., Amherst—PLANT—Amherst College, G. D. Olds, pres., plans new central heating plant. $75,000 donation. Engineer and architect not selected.

Mass., Boston — PLANT — Hub Laundry Co., 40 Bristol St., having preliminary plans prepared by M. F. Burk, 173 Milk St., 2 story, brick and timber addition. $50,000.

N. Y., New York — ABATTOIRS — G. Kern, Inc., 349 West 37th St., having plans prepared by Stadler, Levine & Craven, archts. and engrs., 29 Bway., two 6 story and basement abattoirs, brick, steel and rein.-con., plain foundation, 11th Ave. and 40th St. $1,000,000.

N. J., Elizabeth—FACTORY—Kalbfleisch Corp., H. L. Derby, pres., plans factory. $200,000.

N. J., Trenton — FACTORY — Freeman Electric Co., 803 East State St., plans 2 story factory. $40,000. J. O. Hunt, 219 East Hanover St., archt.

Pa., Pittsburgh—REPAIR and SALES—Mitchell Gleason Motor Co., having plans prepared by M. Niedlinger, Empire Bldg., 3 story and basement, 150 x 250 ft. repair and sales building, South Euclid Ave., $150,000.

Ga., Rome—COTTON MILL—Brighton Mills, Inc., Brighton Ave., Passaic, N. J., making plans cotton mill, here. $1,250,000. Private plans.

Ont., North Bay—SHOPS, ETC.—Temiskaming & Northern Ontario Ry., North Bay, soon takes bids new shops and heating system. $100,000. S. B. Clement, ch. engr.

BIDS DESIRED

Me., Waterville—SHOP—Maine Central R.R., 222 St. John St., Portland, taking bids 1 story, 100 x 100 ft., rein.-con., brick and steel car repair shop, here. $40,000. B. T. Wheeler, c/o owner, ch. engr.

Mass., Woronoco—WAREHOUSE—Stratmore Paper Co. taking bids 4 story, 42 x 200 ft., rein.-con. and brick addition. $160,000. L. Howes, c/o owner, engr. Noted Apr. 30.

N. Y., Dunkirk—SHOPS—Amer. Locomotive Co., North Jay St., Schenectady, taking bids car shops, here. R. H. White, c/o owner, engr. constr.

Pa., Creighton — PLANT — Pittsburgh Plate Glass Co., Frick Bldg., Pittsburgh, will build five 2 story plant additions. $4,000,000. Work will be done by separate contracts. Five hundred tons special steel for above, to Pittsburgh Bridge and Iron Co., Bessemer Bldg., Pittsburgh, and 5,000 tons steel, to McClintic Marshall Co., Oliver Bldg., Pittsburgh.

Pa., Sunbury—FACTORY—Sunbury Industrial Buildings Co., Inc., taking bids and opens same about June 1, 2 story and part basement, 81 x 170 ft., steel and brick, 2nd and Race Sts. $150,000. D. W. Shollenberger, Williamsport, Pa., archt.

O., Cleveland — FURNACE ROOM — Economy Fixture Co., T. McWeeny, vice pres., 5408 Bragg Rd., taking bids 1 and 2 story, 32 x 67 ft., brick and steel, Bragg Rd. $40,000. Private plans.

Wis., Madison—PLANT—J. R. and E. J. Law, archts., 1st Central Bldg., taking bids 2 story, 66 x 88 ft., brick, steel and rein.-con., plain foundation, for State Journal Printing Co., 115 South Carroll St. $50,000. Noted Apr. 23.

Minn., Winona—PLANT, etc—Wisconsin Railway Light & Power Co., taking bids 1 story, 50 x 59 ft., concrete, brick and steel, plain foundation. $40,000. Mead & Seastone, Journal Bldg., Madison, Wis., engrs.

Mo., Kansas City—POWER PLANT—See "Buildings—Educational, Religious."

Mo., St. Louis—TANK HOUSE—Krey Packing Co., 21st St. and Bremen Ave., will build 3 story and basement, 42 x 78 ft., concrete and brick, 2117 Farrar St. $40,000. Work will be done by separate contracts under supervision of C. Parkinson, Archt., 21st St. and Bremen Ave.

Calif., Merced—POWER PLANT—See "Dams."

Calif., Pomona—MILL—G. S. Swing & G. E. Walker, 308 Citizens Natl. Bank Bldg., Los Angeles, taking bids 1 story, 77 x 302 ft. silk mills, brick and rein.-con., near here. $55,000. C. F. Whittlesey, 6533 Hollywood Blvd., Los Angeles., archt.

CONTRACTS AWARDED

Mass., Dorchester (Boston P. O.)—REPAIR and SERVICE GARAGE—J. Waldman, 38 Hobson St., Brighton, 1 story, 150 x 160 ft. repair and service garage, Livingstone St., here, to R. J. Gauvreau, 43 Tremont St. Archts. est. $100,000. Noted Apr. 16.

Mass., Northampton — PLANT — Northampton Gas & Electric Co., 3 story, 50 x 75 ft., brick and stone addition, to J. R. Wennergren, Florence, Mass. $40,000.

Mass., Roxbury (Boston P. O.) — BAKERY—Berwick Cake Co., 2220 Washington St., 2 story, 70 x 130 ft., rein.-con. and brick bakery, Palmer St., to J. W. Bishop Co., 603 Atlantic Ave. Archts. est. $75,000.

Buildings—Industrial (Continued)

Conn., Middletown — FACTORY — Frissel Fabric Co., Silver St., will build 2 story, 42 x 90 ft., brick and timber addition, Silver St., by day labor. $40,000. Private plans.

N. Y., New York — POWER HOUSE — E. J. O'Malley, comr. Pub. Markets, Municipal Bldg., power house, Exterior and East 151st Sts., to W. W. Constr. Co., Inc., 15 West 40th St. $284,290. Noted Apr. 30.

N. J., Freehold—FACTORY—A. and M. Karagheusian, Center and Jackson Sts., 4 story, 86 x 168 ft. factory, to W. Steele & Sons, 10th and Arch Sts., Phila., Pa.

N. J., Trenton—FACTORY etc.—Circle F Mfg. Co., Monmouth St., 5 story, 40 x 100 ft. factory, and 3 story, 50 x 90 ft. office building, brick, to W. C. Ehret, 13 West State St., $125,000.

Pa., Crum Lynne—FACTORY—Eagan & Johnson Co., 1 story 50 x 200 ft., 50 x 80 ft. and 50 x 60 ft. factory, addition, to McClintic-Marshall, Morris Bldg., Phila. Archts. est. $60,000.

Pa., Phila.—FACTORY—Horn Surgical Co., 1701 Vine St., 1 story and basement, 66 x 77 x 103 ft., brick, plain foundation, 53rd St. and Meeting House Lane, to F. A. Haven Co., 845 North 19th St.

Pa., Phila.—FACTORY—Leeds & Northrup Co., 4901 Stenton Ave., 2 story and basement, 60 x 100 ft., rein.-con. and brick addition, plain foundation, to W. R. Dougherty, 1608 Sansom St. Archts. est. $45,000.

Pa., Phila. — FACTORY—Security Bank Note Co., 223 Chestnut St., 3 story and basement, 83 x 136 ft., rein.-con. and brick, plain foundation, 55th and Sansom Sts., to F. A. Havens Co., 845 North 19th St. Noted Apr. 23.

Pa., Phila.—FERMENTING and STILL HOUSE—D. Berg, Alcohol Co., Delaware Ave. and Tasker St., 1 story, 62 x 120 ft., rein.-con. and brick, plain foundation, to W. Steele & Son, 219 North Broad St.

Pa., Phila.—MILL, etc.—Schletter & Zander, Kensington and M Sts., 3 story and basement, 92 x 175 ft. mill, and 1 story, 30 x 30 ft. power house, rein.-con. and brick, plain foundation, Levick and Keystone Sts., to W. Steele & Sons, 219 North Broad St.

Pa., Phila. — MILL, etc.—J. Zimmerman & Sons, 221 Lehigh St., 4 story and basement, 62 x 175 ft. mill, 1 story and basement, 70 x 80 ft. dye house, and 1 story, 30 x 40 ft. power house, all rein.-con. and brick, plain foundations, N and Torresdale Aves., to W. Steele & Sons, 219 North Broad St.

Pa., Phila. — PLANT — Ballinger Co., archts., 12th and Chestnut Sts., 1 story and basement, 209 x 491 ft., brick and steel factory, office and warehouse, etc., with brick chimney, 125 ft. high, 5 ft. diam, Tioga and Richmond Sts., to Robbins Constr. Co., 1137 North Front St., for D. Weber & Co., 5th and Locust Sts. Noted Apr. 2.

Pa., Phila. — WORKSHOP — Williams Bros., Kinsey and Josephine Sts., 1 story and basement, 20 x 40 ft. and 29 x 86 ft., rein.-con., steel and brick, plain foundation, to Wanta Bros., 1618 Sellers St. $150,000.

Pa., Reading—REPAIR SHOP—Phila. & Reading R.R. Co., Reading Terminal, Phila., 1 story, 330 x 880 ft., brick and steel freight car repair shop, plain foundation, Spring and Richmond Sts., here, to McClintock and Marshall, Morris Bldg., Phila.

Md., Canton (Baltimore P. O.)—PLANT—Lockwood, Greene & Co., engrs. and archts., 100 East 42nd St., New York City, 2 and 3 story and basement, rein.-con. and brick, plain foundation, 5th Ave., here, to Consolidated Eng. Co., 20 East Franklin St., Baltimore, for Gold Dust Corp., 239 West 30th St., New York City. $1,000,000.

O., Niles—POTTERY—Atlas China Co., reconstructing brick, steel and concrete plant, partly destroyed by fire, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, $140,000 to $2200,000. Noted Apr. 9.

Ind., Columbus — PLANT — Columbus Packing Co., three 1 story, 60 x 151 ft., 50 x 150 ft., and 50 x 75 ft., brick and steel, plain foundation, to Bedford Steel & Constr. Co., Bedford. Archts. est. $65,000. Noted Apr. 23.

Ill., Chicago—PLANT—Frederick Post Co., 3615 North Hamlin Ave., 2 story, 50 x 125 ft. plant, to Austin Co., 1300 Burnham Bldg.

Wis., West Allis — SUB-STATION — F. Luber, archt., c/o Milwaukee Electric Railway & Light Co. (owner) Public Service Bldg., Milwaukee, 2 story, 40 x 75 ft., brick and concrete, plain foundation, 77th Ave., here, to Universal Constr. Co., 915 Chestnut St., Milwaukee. Archts. est. $40,000. Noted Apr. 23.

Kan., Ft. Scott — PLANT — Ft. Scott Tribune-Monitor, general contract 2 story and basement, 70 x 120 ft., rein.-con., brick and terra cotta printing plant, to Sharp Bros. Constr. Co., Eldorado, $47,000. Noted Apr. 2.

Mo., St. Louis—PLANT—Natl. Printing & Engineering Co., 9th and Elm Sts., 1 story and basement, 90 x 190 ft., rein-con. and brick, 4225-29 Laclede Ave., to W. C. Harting Constr. Co., 722 Chestnut St. Archts. est. $50,000.

Ark., Ft. Smith — PLANT — Ft. Smith Cereal Co., 914 Grand Ave., 3 and 5 story and basement, 32 x 80 ft., rein.-con. and brick, North 6th St., to J. H. Reddick, Kennedy Bldg. Archts. est. $80,000.

Calif., Emeryville — FOUNDRY MACHINE SHOP—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, rein.-con., foundry, machine shop, etc., here, to Starr-Thebo-Anderton, Sharon Bldg., San Francisco, approximately $149,500.

Buildings—Commercial

PROPOSED WORK

Me., Portland — WAREHOUSE — Pocahontas Fuel Co., 223 Bd. Trade Bldg., Boston, Mass., having plans prepared by H. S. Adams, archt. and engr., 100 Ames Bldg., Boston, Mass., large warehouse, Commercial St. $150,000.

Me., Rockland—HOME—I. O. O. F., F. B. Miller, chn. building comn., plans Odd Fellows Home, $200,000 donated by F. E. Briggs, Jacksonville, Fla. Engineer and architect not selected.

N. H., Franklin — ADMINISTRATION and UTILITY—Golden Rule Farm Homes Assn., plans 3 story and basement, 50 x 60 ft. administration and utility building. $150,000. Engineer and architect not selected.

N. H., Portsmouth—APARTMENT—H. A. Mears, archt., 101 Tremont Bldg., Boston, Mass., having plans prepared 4 story and basement, brick and stone apartment. $175,000. Owner's name withheld.

Mass., Athol—THEATRE and STORE—Ruben Bros., c/o A. Rosenstein, archt., 220 Devonshire St., Boston, having preliminary plans prepared 1 and 2 story and basement, 50 x 100 ft., rein.-con., brick and steel, Main St. $150,000.

Mass., Boston — HOSPITAL — Homeopathic Hospital Bldg. Comn., G. B. Glidden, chn., 551 Tremont St., raising $1,500,000 funds for hospital, Harrison Ave. and East Newton St.

Mass., Boston—STORE and OFFICE—J. E. Stewart, 976 Massachusetts Ave., Cambridge, having sketches made by A. McNaughton, 44 Bromfield St., 4 story and basement, brick, plain foundation, Cambridge St. $150,000.

Mass., Greenfield—CLUB—Knights of Columbus Council, J. J. Galvin, having plans prepared 2 or more story, brick clubhouse, Federal St. $150,000 or more. Private plans.

Mass., Greenfield—HOSPITAL—Franklin Co. Pub. Hospital, H. G. Stetson, chn. Hospital Bd., raising $300,000 funds improving and enlarging hospital. Engineer and architect not selected.

Mass., Leominster—OFFICE—Estate of M. C. Hillery, plans reconstructing, etc., 3 story and basement store and office building, recently damaged by fire. $150,000. Engineer and architect not selected.

Mass., Quincy — POLICE STATION — City plans 2 story and basement, brick and stone, Canal and Sea Sts. $150,000. Engineer and architect not selected.

R. I., Cranston—CITY HALL—City, D. H. Waterman, city clk., having plans prepared by W. R. Walker & Son, 49 Weybosset St., Providence, 2 story and basement, brick and stone, Park Ave. To exceed $150,000. Noted Jan. 22.

R. I., East Greenwich—THEATRE and COMMUNITY HOUSE — Community Theatres, Inc., D. Howland, pres., c/o East Greenwich Town Council, plans theatre and community house, Main St. To exceed $150,000. Engineer and architect not selected.

R. I., Newport—CITY HALL—Bd. Aldermen and City Council voted $250,000 bonds, rebuilding city hall.

R. I., Providence — TEMPLE — Masonic Grand Lodge, Francis St., having preliminary plans prepared by Osgood & Osgood, archts., Grand Rapids, Mich., and Jackson, Robertson & Adams, associated archts., Turks Head Bldg., temple, Francis, Brownell and Park Sts. To exceed $150,000. Noted Oct. 9.

Conn., Bridgeport—APARTMENT—C. J. Berger, Milne Ave., plans 4 story, about 95 x 125 ft., brick and steel, Franklin and Main Sts. $150,000. Private plans.

Conn., Bridgeport—APARTMENT—Burroughs & Ward, 110 East 42nd St., New York City, having plans prepared by Harris & Kruger, Newark, N. J., 6 story, 70 x 140 ft., brick and steel, Fairfield Ave., here. $300,000.

Conn., Hartford—ADMINISTRATION—Hartford Theological Seminary, 155 Broad St., having plans prepared by Allen & Collins, 75 Newbury St., Boston, Mass., and stone administration building, [illegible] St. $150,000.

Conn., Middletown—THEATRE—M. F. Kennedy, Blakeslee Ave., North H[illegible] plans brick, steel, stone and tile, Main St., here. $150,000 or more. Engineer and architect not selected.

N. Y., New York—APARTMENT—L. Strada, c/o C. Kreymborg, archt. and engr., 2534 Marion Ave., having plans prepared 6 story, 60 x 75 ft., brick, steel and stone, plain foundation, Grand Concourse near 198th St. $200,000.

N. Y., New York—BANK and OFFICE—Seamans Bank of Savings, Wall St., having plans prepared by R. W. Morris, archt. and engr., 101 Park Ave., brick, steel and stone, plain foundation, Wall and Pearl Sts. $5,000,000.

N. Y., New York—Y. M. C. A., 318 West 57th St., having plans prepared by J. E. Jackson, 137 East 45th St., 14 story, brick, steel and stone, plain foundation, 326 West 57th St. $1,000,000.

N. J., Asbury Park — HOTEL — Brunswick Hotel, M. Levine, proprietor, Kingsley Ave., plans 7 story, 120 x 365 ft. addition. $330,000. Engineer and architect not selected.

N. J., Newark — BANK and OFFICE—Federal Trust Co., 740 Broad St., having plans prepared by G. E. Jones, archt., 2 Clinton St., Denison & Hirons, associated archts., 228 Lexington Ave., New York City, 16 story, brick, steel and stone, plain foundation, Commerce and Broad Sts. $1,250,000.

Pa., Coatesville — MASONIC — Masonic Realty Corp., c/o G. E. Dietrich, having plans prepared by G. E. Savage, Witherspoon Bldg., Phila., 2 story and basement, 54 x 108 ft., rein.-con. and brick masonic building, plain foundation. $150,000.

Pa., Erie—DEPOT—New York Central R.R., c/o G. C. Cleveland, West 3rd St. and St. Clair Ave., Cleveland, O., having plans prepared by Fellheimer & Wagner, 7 East 42nd St., New York City, 1 and 2 story, brick, steel and concrete, Peach St. $500,000.

Pa., Johnstown—STORE—J. G. McCrory Co., 1107 Bway., New York City, plans 3 story and basement, 80 x 120 ft. store, Main St., here. $150,000.

Pa., Lewistown—BANK, APARTMENT and GARAGE—Russell Natl. Bank having plans prepared by Morgan French Co., 19 West 44th St., New York City, 1 story and mezzanine, 43x133 ft., 2½ story and basement, 31x66 ft., steel and brick, plain foundation. $160,000.

Pa., Phila.—APARTMENT—W. L. Charr, Archt., Victory Bldg., preparing plans 5 story and basement, 100 x 150 ft., rein.-con., steel and brick, plain foundation. $400,000. Owner's name withheld.

Pa., Phila. — OFFICE — United Gas Impvt. Co., Broad and Arch Sts., having plans prepared by W. G. Perry, 177 State St., Boston, Mass., 13 story and basement, 70 x 70 ft., rein.-con., brick and steel, plain foundation, 1409-15 Arch St. $500,000.

W. Va., Berkley Springs — HOTEL — Berkley Spring Hotel Corp., F. C. Jackson, pres., having plans prepared by Milburn, Heister & Co., Union Savings Bank Bldg., Wash., D. C., 500 room hotel. Approximately $1,000,000.

Ill., Chicago—APARTMENT—H. J. Apfelbach (owner and archt.), 952 North Michigan Ave., takes bids about May 20, 3 story and basement, 164 x 172 ft., rein.-con., brick and stone, plain foundation, North Taylor St. $225,000. Noted Apr. 16.

Ill., Peoria—COURT HOUSE and MARKET—Peoria Co. defeated $1,250,000 bonds for court house, and $150,000 bonds for public market. Noted Apr. 2.

Wis., Racine—OFFICE and HOTEL—Racine Hotel Co., F. Starbuck, 1015 College Ave., having plans prepared by Betts & Holcomb, 155 West Clark St., Chicago, Ill., 8 story and basement, 104 x 240 ft., rein.-con., brick and steel, concrete pile foundation, 6th and Main Sts. $1,000,000. Fugard & Knapp, 219 East Superior St., Chicago, Ill., engr. Noted Mar. 19.

Mo., St. Louis—APARTMENT—E. M. Worthington, 535 Belt Ave., soon takes bids 9 story and basement, 130 x 215 ft., rein.-con. brick and stone, 4166-68 Lindell Blvd. $750,000. W. S. Frank, Century Bldg., archt.

Tex., Dallas—APARTMENT—Rucker & Jones Realty Co., 1317-19 Commerce St., having preliminary plans prepared by Lang & Witchell, 300 Amer. Exch. Bank Bldg., 7 story and basement, rein.-con., brick and stone, South Ervay St. $1,000,000.

Calif., San Diego—ATHLETIC CLUB—San Diego Athletic Club, 600 Commonwealth Bldg., having plans prepared by W. H. Wheeler, 501 Spreckles Bldg., 7 story and basement, 100 x 150 ft., rein.-con. and steel clubhouse with swimming pool, 7th and "A" Sts. $500,000. Noted Aug. 7.

Buildings—Commercial (Continued)

Calif., San Francisco—APARTMENT—Fabre & Hildebrand, Archts., 110 Sutter St., prepared plans 4 story and basement, concrete, Washington St. near Kearny St. $150,000. Owner's name withheld.

Calif., San Francisco—APARTMENT—Veyhle & Collins, 541 Brannan St., had plans prepared by E. E. Young, 2002 California St., 6 story and basement, rein.-con. and steel, Ellis St. $150,000.

Calif., San Francisco — HOTEL — E. E. Young, archt., 2002 California St., preparing plans 6 story and basement, rein.-con., Ellis St. $200,000. Owners name withheld.

Calif., San Francisco — RESTAURANT and STORE—Commercial Center Realty Co., 916 Kearny St., had plans prepared by W. L. Schmolle, Russ Bldg., 1 story, rein.-con., Green St. $150,000.

Calif., San Jose—HOTEL and STORE—S. Straub, c/o H. Krouse, archt., Bank of San Jose Bldg., having plans prepared 4 story and basement, rein.-con., 2nd St. $150,000.

Calif., Santa Cruz—OFFICE and HOTEL—F. E. Morgan, c/o Walker & Eisen, archts., Great Republic Bldg., Los Angeles, having preliminary plans prepared 3 story, office building with theatre, and 3 story, 150 room hotel, fireproof, Church St. and Pacific Ave. $1,500,000.

BIDS DESIRED

Mass., Boston—HOSPITAL—May 8, by Hospital Dept., City Hall, 9 story and basement, brick, limestone and granite, plain foundation, Albany and East Concord Sts. $750,000. Ritchie, Parsons & Taylor, 15 Ashburton Pl., archts. Former bids rejected. Noted Apr. 30.

Mass., Greenfield—MASONIC—Greenfield Masonic Building Assn. taking bids 3 story and basement, 70 x 121 ft., brick, masonic building. $150,000. J. W. Beals Sons Co., 185 Devonshire St., Boston, archts.

Conn., New Britain — SOCIAL — W. H. McKay, archt., Professional Bldg., taking bids and opens same about May 15, 3 story, 70 x 100 ft., brick and timber, plain foundation, Main St., for Y. M. T. A. & B. Society. $200,000.

Conn., New Haven — THEATRE — L. Montanaro, 722 Grand St., and H. Comen, Orange St., taking bids 2 story, 808 x 150 ft. brick, steel and stone, Whalley Ave. $150,000. H. S. Cannici, 85 Church St., Archt.

N. Y., Brooklyn—HOSPITAL—May 20, by State Hospital Comn., Albany, constructing main hospital building, fire protection system, etc., here. S. W. Jones, Albany, state archt.; adv. E. N.-R. May 7.

N. J., Clinton—COTTAGES—May 18 (extended date), by Bd. Institutions & Agencies, Trenton, 2 story maternity cottage, and 2 cottages for inmates at State Reformatory, here. $150,000. A. B. Mills, State Office Bldg., Trenton, archt. Noted Apr. 23.

Pa., Johnstown — STORE — May 15, by Puma, 101 Adam St. and S. Maiorana, 105 Adam St., 3 story and basement 78 x 132 ft., brick, Adam St. $150,000. A. M. Tadejeske, 101 Adam St., archt.

Pa., Kingston — BANK — May 12, by Morgan French Co., archts., 19 West 44th St., New York City, 1 story, basement and mezzanine, 56 x 151 ft., rein.-con. and brick, plain foundation, here, for Kingston Bank & Trust Co. $150,000.

Pa., Meadville—ORPHANAGE—May 8, by Independent Order Odd Fellows, and W. Holmes Crosby, archt., Veach Bldg., Oil City, 2 story and basement orphanage. $150,000.

Pa., Phila.—APARTMENT—L. Baron, 712 Porter St., will build 4 story and basement, 52 x 190 ft., brick and steel, plain foundation, 53rd and Wynnefield Ave. $300,000. Work will be done by separate contracts.

N. C., Durham — PROFESSIONAL — A. McPherson & A. Kerns taking bids 3 story and basement professional building. Milburn, Heister & Co., Durham and Union Savings Bank Bldg., Wash., D. C., archt.

Ky., Morehead—DORMITORY—May 20, by Supt. Pub. Instruction, Frankfort, Girls Dormitory, 3 story and basement, 50 x 172 ft., rein.-con., plain foundation, for State Normal School. $150,000. Joseph & Joseph, 800 Francis Bldg., Louisville, archts.

O., Cleveland — APARTMENT — F. B. Rabb, 508 Ulmer Bldg., taking bids 4 story and basement, brick and timber, West 112th St. and Lake Ave. $200,000. Braverman & Havermaet, 208 Ulmer Bldg., archts.

O., Cleveland—BATH HOUSES—May 8, by City, 2 story, 60 x 80 ft., and 40 x 60 ft., brick, steel and concrete, Clark and Central Aves. $150,000. H. Kregelius, City Hall, archt.

O., Cleveland—FIRE STATION—May 8, by City, E. A. Barry, dir. Pub. Safety, City Hall, 2 story and basement, 96 x 119 ft., brick, steel and concrete, Central Ave. $200,000. H. Kregelius, City Hall, archt. Noted Oct. 23.

O., Cleveland—OFFICE, etc.—E. McGeorge, archt. and engr., 3030 Euclid Ave., taking bids 2 story, 40 x 100 ft. office building, 1 story, 160 x 160 ft. factory addition, 1 story, 42 x 160 ft. garage, 40 x 50 ft. storage building, and 40 x 40 ft. boiler house, brick and steel, East 131st St., for Elyria Iron & Steel Co., H. B. Wick, pres., 232 East 131st St. $300,000.

Ind., Terre Haute—MARKET—May 15, by Shourds-Stoner Co., archts. and engrs., 510 Tribune Bldg., rein.-con. boiler, engine room and pumphouse, etc., South 1st St., for Wadley Co., 1st and Popular Sts.; excavating and erecting poultry feeding station, cold storage warehouse, etc., to Roeham Bros., 5th and Cherry Sts. Total $160,000.

Mich., Detroit—OFFICE—G. D. Mason & Co., archts., 80 Griswold St., taking bids 10 story and basement, 45 x 100 ft. rein.-con., brick, stone and terra cotta, plain foundation, Bway. Ave., for Sherer Estate, c/o architects.

Ill., Chicago — APARTMENT — H. K. Holsman, archt., 37 South Wabash Ave., taking bids 4 story and basement, 70 x 135 ft., brick and stone plain foundation, 7853 South Shore Dr., for A. H. Ranes, 11 South La Salle St. $500,000.

Ill., Chicago—SALES and SERVICE—Leichenko & Esser, archts., 38 South Dearborn St., taking bids 2 story, 125 x 250 ft., rein.-con., brick and terra cotta, plain foundation, Milwaukee St., for I. B. Tow, 133 West Washington St. $300,000.

Ill., Chicago—THEATRE—J. B. Eberson, archt., 212 East Superior St., taking bids 7 story and basement, 125 x 150 ft., rein.-con., brick and terra cotta, plain foundation, 7900 Stony Island Ave., for Natl. Theatre Corp. J. J. Cooney, pres., 7542 Cottage Grove Ave. $650,000. Noted Dec. 11.

Wis., Milwaukee—THEATRE—May 12, by Peacock & Frank, archts., 445 Milwaukee St., 2 story and basement, 72 x 125 ft., brick and concrete, plain foundation, Delaware Ave., for Badger Building Service, 445 Milwaukee St. $150,000. Noted Mar. 18.

Minn., St. Paul—HOSPITAL—May 14, by Bd. Control Ramsey Co., O. J. Tong, secy., Court House, 4 story and basement, 150 x 160 ft., rein.-con., brick and stone addition, Jefferson and Colbourn Sts. $400,000. Buechner & Orth, 500 Shubert Bldg., archts.

Okla., Newkirk—COURT HOUSE—May 21, by B. Schoonover, clk. Kay Co., 3 story and basement, 75 x 120 ft., rein.-con. and brick, plain foundation, Maple St. $200,000. C. H. Woodruff, Reynolds Bldg., Ft. Worth, Tex., archt. Noted Feb. 26.

Calif., Los Angeles—HOTEL—E. V. Den Hoven, archt., I. W. Hellman Bldg., taking bids 4 story and basement, 175 room hotel, brick and steel, Westlake Ave., for S. Pollack, 1948 New Jersey St. $155,000.

Ont., Toronto—NURSES' HOME—May 18, by E. J. Lennox & Sons, archts., 364 Bay St., 5 story and basement, rein.-con., brick and steel, plain foundation, Bathurst St., for Western Hospital, Bathurst St. $200,000.

BIDS RECEIVED

Minn., St. Paul—HOSPITAL—Ramsey Co. Bd. Control, Court House, Apr. 16, general contract 4 story and basement, 150 x 160 ft., rein.-con., brick, tile and stone hospital addition, Jefferson and Colburn Sts., from L. W. Baumeister & Son, 1145 Ross St., $368,733, auditorium $12,647, two combined $381,000. Noted Apr. 9.

Calif., Los Angeles—POLICE STATION—City, 2 story and basement, 75 x 115 ft. rein.-con. and brick, West Pico St., from Bowman Constr. Co., 2269 West Washington St., $119,997.

CONTRACTS AWARDED

Mass., Attleboro—STORE and OFFICE—M. Dana, 809 Pemberton Bldg., Boston, 2 story and basement, brick, plain foundation, Park St., here, to Lull Constr. Co., 308 Main St., Pawtucket, R. I. Archts. est. $150,000.

Mass., Boston—APARTMENT—Roosevelt Inc., F. E. Johnson, treas., 209 Washington St., 5 story and basement, 15,000 sq.ft. floor space, brick and stone, plain foundation, Huntington Ave. and Forsyth St., to M. W. Ryan, 763 Massachusetts Ave., Cambridge. Archts est. to exceed $150,000. Noted Apr. 23.

Mass., Boston—BANK—Natl. Shawmut Bank, 40 Walter St., 2 story and basement, rein.-con., brick, steel and stone, 542 Commonwealth Ave., Kenmore Dist., to I. G. Hersey & Son, 53 Wareham St., Boston. Archts. est. to exceed $150,000.

Mass., Cambridge — APARTMENT—Gilmore Constr. Co., 4 Brattle St., will build 4 story and basement, 45 x 125 ft., rein.-con. brick and stone, plain foundation, 31 Concord Ave., by day labor. $150,000. H. Harlow, 4 Brattle St., archt. Noted Apr. 30.

Mass., Lowell—BANK—Appleton Natl. Bank Building Corp., 2 story and basement, brick and steel bank, to T. W. Johnson, 17 Putman Rd. Archts. est. $150,000.

Mass., Salem—STORE and OFFICE—Shikes & Long, 18 Tremont St., Boston, 4 story and basement, 60 x 110 ft., brick and stone, Essex St., here, by day labor. $200,000. S. S. Eisenberg, 46 Cornhill St., Boston, archt.

Mass., Springfield — MERCANTILE—Crane Co., 62 Hampden St., 3 story, 80 x 130 ft., rein.-con. and brick, plain foundation, Columbus Ave., to E. F. Carlson Co., 244 Main St. Archts. est. $175,000. Noted Apr. 9.

Mass., West Springfield (Br. of Springfield) — LEAGUE — Hampden Co. Improvement League, 244 Main St., Springfield, 2 story and basement, 75 x 108 ft., brick, here, to L. S. Wood, 14 Stockbridge St. Archts. est. $150,000.

Mass., Worcester—STORE—C. E. Matteson, c/o C. A. Johnson, archt., 405 Main St., 2 story and basement, 100 x 100 ft., brick and concrete, plain foundation, Millbury and Ashmont Aves., to E. P. Pitfield Co., 405 Main St.

R. I., Providence—CLUBHOUSE—Providence Boys' Club, 266 South Main St., 2 story and basement, brick, Main St., to O. D. Purrington, Industrial Bldg. Archts. est. $150,000. Noted Oct. 9.

Conn., Ansonia — TEMPLE — George Washington Lodge, North Main St., 2 story and basement, 70 x 80 ft., brick and stone, North Main St., to H. Wales Lines Co., 134 State St., Meriden. Archts. est. $150,000. Noted Apr. 2.

Conn., Bridgeport—APARTMENT—W. F. Chatlos, Broad St., Stratford, will build 6 story and basement, 80 x 110 ft., brick and steel, Golden Hill St., here, by day labor. $150,000. J. W. Northrop, 211 State St., archt. Noted Feb. 5.

N. Y., New York — APARTMENT — Caputa Realty Corp., c/o M. Del Gaudio, archt. and engr., 160 West 45th St., will build two 6 story, brick, steel and stone, plain foundations, 181st St. and Bathgate Ave., by day labor. $175,000 each.

N. Y., New York—APARTMENT—Holarn Realty Corp., c/o Goldner & Goldner, archts. and engrs., 47 West 42nd St., will build 6 story, brick, steel and stone, plain foundation, Arnow Ave., by day labor. $200,000.

N. Y., New York — APARTMENT — Paterno Building Corp., (owner and contractor), 117 West 54th St., will build 15 story, 52 x 145 ft., brick, steel and stone, plain foundation, Riverside Dr. and 78th St., by day labor. $650,000.

N. Y., New York—APARTMENT—Dochterman Realty Co., c/o J. M. Felson, archt. and engr., 250 West 57th St., will build 5 story, brick, steel and stone, plain foundation, Payson Ave., by day labor. $200,000.

N. Y., New York—APARTMENT—Dochterman Realty Co., c/o J. M. Felson, archt. and engr., 250 West 57th St., will build 5 story, brick, steel and stone, plain foundation, Seamans Ave., by day labor. $225,000.

N. Y., New York—OFFICE—J. T. Lee, 25 West 43rd St., brick, steel and stone, plain foundation, 5th Ave. and 41st St., to Rheinstein & Hass, 21 West 40th St. Archts. est. $5,000,000.

N. Y., New York—POLICE STATION—Police Dept., Center St., brick, steel and stone, plain foundation, Catalpa St., to Eastern Constr. Co., 110 West 40th St. Archts. est. $200,000.

N. Y., New York—STORAGE—F. G. Shattuck Co., 60 West 23rd St., 12 story, 100 x 100 ft., rein.-con. and steel, plain foundation, 43 West 22nd St., to Turner Constr. Co., 244 Madison Ave. Archts. est. $500,000. Noted Mar. 19 under "Buildings—Industrial."

Pa., Phila.—APARTMENT—Sutton & Stephenson, 1317 Washington Ave., will build 4 story and basement, 52 x 92 ft., brick and steel, plain foundation, Chelten Ave. and Laurens St., by day labor. $150,000. Private plans.

Pa., Phila.—WAREHOUSE—Atlas Storage Co., c/o W. E. Sweeting, 37th and Market Sts., 8 story and basement, 60 x 220 ft., rein.-con. and brick, plain foundation, 40th and Walnut Sts., to Evans-Steele, Inc., 2217 Chestnut St. Archts. est. $400,000. Noted Apr. 2.

Md., Baltimore—SALES and SERVICE—T. Mullan, 4001 Greenmount Ave., will build 1 story and basement, 200 x 252 ft., brick and steel, plain foundation, 20th St. west of Harford Ave., by day labor. $200,000. Private plans.

N. C., Raleigh—OFFICE—R. A. Doughton, comr. State Dept. Revenue, 5 story and

Buildings—Commercial (Continued)

basement, 100 x 150 ft., concrete, Morgan St., to W. T. Rose & Co., Goldsboro, $228,000. Noted Apr. 9.

Fla., Tampa — BANK and OFFICE — First National Bank, 416 Franklin St., 13 story bank and office building, Franklin and Madison Sts., to Southern Ferro Concrete Co., 50 East Ellis St., Atlanta, Ga., $1,000,000 costs plus percentage basis. Noted Feb. 5.

O., Cincinnati — WAREHOUSE—Kroger Grocery Co., 813 Main St., 3 story, 200 x 500 ft., rein.-con. and brick, plain foundation, Depot St., to D. Meinken & Son, 2134 Barnard St., $200,000.

O., Cleveland — COMMERCIAL and ARCADE—Colonial Taylor Impvt. Co., c/o L. Abrams, Engineer Bldg., 3 story, brick, steel and concrete, 615 Prospect Ave., to Bolton-Pratt Constr. Co., 7113 Euclid Ave. Archts. est. $200,000.

O., Columbus—APARTMENT—Boyajohn & Barr Co. (owner and contractor), Neil and 11th Aves., will build 9 story and basement, 75 x 79 ft., rein.-con., brick and stone, East Broad St. between Winner and Galta Aves., by day labor. $300,000.

O., Columbus — STORE — Fashion Co., High and State St., 5 story and basement, 40 x 187 ft., rein.-con. and brick, High and Chapel Sts., to F. and Y. Constr. Co., 332 East State St., about $200,000. Noted Mar. 19.

O., Columbus—STORE—Petot Realty Co., 5 story and basement, 21 x 187 ft., steel, stone and concrete, High St., to F. and Y. Constr. Co., 332 East State St., about $165,000.

O., Coshocton—HOSPITAL—Amer. Art Wks. Co., 4 story and basement, brick and concrete, to Austin Co., 16112 Euclid Ave., Cleveland. Archts. est. $150,000.

O., Dayton—GARAGE and MERCANTILE—L. T. Cooper, Bond Bldg., 3 story and basement, rein.-con. and brick, plain foundation, West 1st St., to Frank Hill Smith, Inc., Winters Bldg., $250,000.

O., East Cleveland (br. of Cleveland)—APARTMENT—Epstein Bros., 9203 Yale Ave., Cleveland, 3 story and basement, 74 x 94 ft., brick and timber, Chapman and Elderwood Aves., here, to Kuskin & Levine, 5809 Outhwaite Ave., Cleveland. Archts. est. $150,000. Noted Dec. 11.

Ind., Indianapolis — HOTEL — Reily Realty Co., Fletcher Savings & Trust Bldg., 6 story and basement, 81 x 96 ft., brick and steel, North Capitol St., to Ostrom Realty Co., Peoples Bank. Archts. est. $300,000. Noted Apr. 23.

Ind., Indianapolis — OFFICE — T. A. Moynahan, Ambassador Apartments, will build 8 story and basement, 67 x 165 ft., rein.-con., brick and steel, plain foundation, Delaware St., by day labor. $500,000. A. Fleck, Columbian Securities Bldg., archt.

Ind., Terre Haute — MARKET — See "Bids Desired."

Wis., Kenosha—HOSPITAL—N. M. Dunning, archt., 310 South Wabash Ave., Chicago, Ill., 5 story and basement, brick and concrete addition, here, to W. W. Oeflein, 86 Michigan Ave., Milwaukee, for Kenosha Hospital Assn., 529 South Chicago St. Archts. est. $300,000. Noted Mar. 19.

Wis., Milwaukee — APARTMENT — G. Zagel & Bro., archts., 144 Oneida St., 4 story and basement, 92 x 132 ft., brick and concrete, plain foundation, Prospect Ave., to W. T. Buchholz Co., 1081 Sherman Blvd., for L. and L. C. Goldmann, 526 Mitchell St. Archts. est. $175,000. Noted Apr. 2.

Wis., Milwaukee—HOTEL—M. Tullgren & Sons, archts., 425 East Water St., 8 story and basement, 60 x 100 ft., brick and concrete, plain and wood pile foundation, Sycamore St., to Reisinger & Co., 464 Oakland Ave., for O. Brachamn, 530 Grand Ave. Archts. est. $400,000. Noted Feb. 19.

Wis., Milwaukee — APARTMENT — M. Tullgren & Sons, archts., 425 East Water St., 8 story and basement, 102 x 200 ft., brick and concrete, plain foundation, Grand Ave., to P. Reisens Sons, 1018 Humboldt Ave., for Grand Manor Building Corp., 216 West Water St. Archts. est. $500,000. Noted Mar. 19.

Neb., Lincoln—CAPITOL—State Capitol, general contract 2nd section State Capitol, to J. H. Wiese Co., 1415 W.O.W. Bldg., Omaha, $1,915,000; cut stone, to H. Stuble Cut Stone Co., 208 South La Salle St., Chicago, Ill., $600,000. Noted Apr. 2.

Neb., Omaha—COMMUNITY CENTER—Young Mens & Young Womens Hebrew Assns., c/o H. H. Lapidus, 2205 South 32nd Sts., 3 story and basement, 67 x 120 ft., brick, concrete and stone, 18th and Dodge Sts., to A. Beck, 401 Keeline Bldg. Archts. est. $250,000. Noted July 10.

Neb., Omaha — STOCK EXCHANGE — Union Stock Yards Co., 38 South Dearborn St., Chicago, Ill., 133 x 186 ft., stock exchange building, brick, to P. Kiewits & Sons, 908 Omaha Natl. Bank Bldg., $1,500,000. Noted Oct. 16.

Tex., Dallas—GARAGE—Cary-Schneider Investment Co., 320 Medical Arts Bldg., general contract 4 story (ultimately 20 story) and part basement, L shape, 50 x 108 x 165 ft., rein.-con., brick and terra cotta, Paul and Pacific Aves., to H. T. Apple, 2826 Forest St., about $150,000. Noted Apr. 9.

Tex., Dallas — WAREHOUSE — Texas Drug Co., c/o J. T. Coulson, pres., 900 Commerce St., 3 story (ultimately 5 story) and basement, 104 x 150 ft., rein.-con., brick and steel, Marilla and Browder Sts., to L. H. Lacy Co., 2632 Swiss Ave., $200,000.

Tex., Houston—STORE and GARAGE—M. M. Graves, 2 story, 125 x 175 ft., rein.-con., brick and hollow tile, McKinney and Caroline Sts., to J. B. Townsend, West Bldg., Houston, approximately $150,000.

Wash., Seattle — OFFICE — Securities Building Co., Securities Bldg., 4 story and basement, 100 x 125 ft., rein.-con. addition, 4th and Stewart Sts., to Henrikson-Alstrom Constr. Co., Seaboard Bldg. Archts. est. $250,000.

Calif., Pasadena—MAUSOLEUM—Mountain View Mausoleum, Assn., Pacific Southwest Bldg., will build 200 x 300 ft., rein.-con.; North Marengo St., by day labor. $350,000.

Calif., Sacramento—ADMINISTRATION — Sacramento Co., having preliminary plans prepared by R. A. Herold, Forum Bldg., for administration building.

Calif., San Francisco—GARAGE—J. S. Potter, 315 Montgomery St., 6 story, rein.-con., Bush and Kearny Sts., to Cahill Bros., 55 New Montgomery St., $150,000.

Calif., San Francisco — THEATRE, etc. —Golden State Theatre Co., c/o M. Jorgensen, archt., 110 Sutter St., theatre, store and office building, Irving and 14th Aves., to Mission Concrete Co., 180 Jessie St. Approximately $165,000.

Calif., San Francisco — WAREHOUSE and OFFICE—C. C. Morse & Co., 749 Front St., purchased 261,000 sq.ft. site and plans warehouse and office building, Paul and San Bruno Aves.

Ont., Ottawa—OFFICE AND STORE—Metropolitan Life Insurance Co., Ottawa, general contract for office building, Bank, Sparks and Wellington Sts., to G. A. Fuller Constr. Co., Beaver Hall Hill, Montreal, $1,598,800.

Buildings—Educational, Religious

PROPOSED WORK

N. H., Hudson — SCHOOL — Order of Presentation of Mary, St. Hyacinthe, Province of Quebec, plans 2 or 3 story school, here. $200,000. Engineer and architect not selected.

N. H., Keene — DORMITORY — Keene Normal School having plans prepared by C. R. Whitcher, 814 Elm St., Manchester, and takes bids about May 5, for dormitory, here. $225,000. Noted Apr. 16.

Vt., Rutland — CHURCH — Methodist Episcopal Church having sketches made by Woodbury & Stuart, 581 Boylston St., Boston, Mass., 1 story and basement, probably marble and granite, Willians St. $200,000.

Mass., Amherst — DORMITORY — Amherst College, D. G. Olds, pres., plans new dormitory. $200,000 donation. Engineer and architect not selected.

Mass., Boston — SUNDAY SCHOOL — Dudley St. Baptist Church, A. T. Brooks, pastor, 139 Dudley St., Roxbury, having sketches made by J. W. Beals Sons, 185 Devonshire St., 3 story and basement, brick, plain foundation. $150,000.

Mass., Boston—SCHOOLS—School House Dept., T. P. Glynn, chn., plans addition to Washington School, incl. shops for wood and metal working, $240,000; 1 or 2 story kindergarten and primary school, Henry Grew Dist., Hyde Park, $220,000; 2 story school, Walk Hill St., in E. P. Tileston Dist., Dorchester, $150,000; Horace Mann School, 2 or 3 story and basement, Back Bay Dist., $400,000, 2 story, Howard Ave., Thomas Gardner Dist., Brighton, $150,000, all foregoing brick and stone. Engineer and architect not selected.

Mass., Hanover—SCHOOL—School Dept., plans 2 story and basement elementary school. $150,000. Engineer and architect not selected.

Mass., Middleboro—HIGH SCHOOL—Voted $150,000 bonds, new high school. Engineer and architect not selected. Voted Feb. 5.

Mass., Natick—LIBRARY—Morse Institute, c/o Kilham, Hopkins & Greeley, archts., 9 Park St., Boston, having preliminary plans prepared 2 story and basement, brick library, here. $150,000.

Mass., South Boston (Boston P. O.)—CHURCH — Methodist Missionary Society, A. F. Reimer, 581 Boylston St., Boston, raising funds, for St. John's Lithuanian Church, 4th and Atlantic Sts., here. To exceed $150,000. Engineer and architect not selected.

Mass., South Braintree (Ind. Bd. of Boston)—HIGH SCHOOL—Town of Braintree, H. D. Higgins, chn. plans high school, Washington St. $150,000. Engineer and architect not selected.

R. I., Providence—SCHOOL—School Com., City Hall, had plans prepared at office of A. Hartwell, comr. Pub. Buildings, 3 story school, America St. between Kenyon and Europe Sts. $1,000,000. Noted Mar. 12.

R. I., Woonsocket — HIGH SCHOOL — School Dept. plans 2 story and basement high school. To exceed $150,000. Engineer and architect not selected.

N. J., Long Branch—HIGH SCHOOL—Bd. Educ. plans high school. $550,000. M. P. Roche, city clk. Engineer and architect not selected.

N. J., Perth Amboy—HIGH SCHOOL—Bd. Educ. having plans prepared by Greisen & Tuzik, 175 Smith St., addition to high school. $150,000.

Pa., Bloomsburg—HIGH SCHOOL—Bd. Educ. having plans prepared by Ritter & Shay, Packard Bldg., Phila., Junior and Senior High School, 2 story and basement, 96x214 ft., rein.-con. and brick, plain foundation, Centre St. $200,000.

Pa., Fountain Springs—ACADEMY—Sisters of Immaculate Heart, 5501 Cedar Ave., having plans prepared by P. A. Monaghan, 1713 Sansom St., 3 story and basement, 40 x 245 ft., and 49 x 112 ft., rein.-con., brick and steel, plain foundation.

Ill., Peoria—SCHOOL—Bd. Educ. plans 2 or 3 story, 24 room, rein.-con., brick and steel, plain foundation. Matthew, Ann, Blaine and Antoinette Sts. $300,000. Engineer and architect not selected.

Ill., St. Joseph—HIGH SCHOOL—Bd. Educ., J. N. Walker, pres., having plans prepared by Leese & Ludwick, Temple Bldg., Danville, 2 story and basement, 100 x 140 ft., rein.-con., brick and stone, plain foundation. $150,000.

Ia., Marshalltown — SCHOOLS — Plans election $350,000 bonds for high school and grade school. D. R. Jackson, secy. Bd. Educ.

Kan., Atchison—SCHOOL—Voted $150,000 bonds for schools.

S. D., Groton—SCHOOL—Election May 7. $133,400 bonds, 2 story and basement, rein.-con. and brick school. A. McKiver, clk. Bd. Educ. Engineer and architect not announced.

Mo., Kirksville—SCHOOLS—Voted $200,000 bonds addition to high school and two grade schools, each 2 story, concrete. Thomas, McLennan & Thomas, 527 West 17th St., Des Moines, Ia., archts.

Tex., Harlingen—SCHOOL—Voted $150,000 bonds for new school.

Ont., Ottawa—MONASTERY—Dominican Fathers, 95 Empress Ave., soon takes bids monastery addition, Empress Ave. $200,000. F. B. Doucet, pastor.

BIDS DESIRED

N. H., Keene—DORMITORY—May 14, by W. A. Stone, state purch. agt., State House, Concord, 3 story and basement, 57 x 238 ft., brick and concrete, plain foundation, State Normal School, here. To exceed $150,000. C. R. Whitcher, Beacon Bldg., Manchester, archt.

Mass., Milton — HIGH SCHOOL — Town, J. F. Mitchell, chn. Bd. Selectmen, taking bids 2 story and basement, 10,000 sq.ft. floor space brick and stone addition, plain foundation, Brook Rd. $150,000. Kilham, Hopkins & Greeley, 9 Park St., Boston, archts.

Conn., Bridgeport — LIBRARY — Burroughs Public Library Building Comn., taking bids 3 story and basement, 77 x 207 ft., brick, steel and limestone, Broad, State and Gilbert Sts. $425,000. C. S. Palmer, 114 Whitney Ave., New Haven, associated archt. Noted Oct. 23.

Conn., East Hartford (br. of Hartford)—SCHOOL—Town, taking bids and opens same about May 12, 2 story and basement,

Buildings—Educational, Religious (Cont.)

60 x 150 ft. brick and stone, plain foundation. Darling St. $150,000. W. T. Marchant, 36 Pearl St., Hartford, archt.

Conn., Stamford—CHURCH—St. Marys Roman Catholic Church, J. J. Kelley, pastor taking bids 1 story and basement, 50 x 120 ft., brick, stone and timber church. $150,000. O'Connell & Shaw, 134 Newbury St., Boston, Mass., archts.

N. Y., Tonawanda—SCHOOL—May 12, by Bd. Educ., 2 story, 100 x 150 ft. school. $200,000. Engineer and architect not announced.

N. J. Camden — SCHOOL — May 8, by Bd. Educ., Rosedale School, brick and steel, plain foundation, 36th and Cramer Sts. $150,000. Lackey & Hettle, 5 Hudson Ave., archts.

Pa., Fountain Springs—ACADEMY—May 16, by P. A. Monagahan, archt., 1713 Sansom St., Phila., 3 story and basement, 40 x 245 ft., and 49 x 112 ft., rein.-con. and brick, plain foundation, here, for Sisters of Immaculate Heart. Noted May 7.

Pa., Greensburg—SCHOOL—May 12, by School Bd., M. R. Peoples, secy., 3 story and basement, 145 x 250 ft., rein.-con. and brick, plain foundation. $400,000. M. E. Kressley Co., 214 North 3rd St., Harsberg, archts. Noted Dec. 4.

Pa., Overbrook — SUNDAY SCHOOL — May 12, by Davis, Dunlop & Barney, archts., 1805 Walnut St., Phila., 2 story and basement, 108 x 149 ft., rein.-con., brick and steel, plain foundation, City Line and Lancaster Ave., here, for Overbrook Presbyterian Church. $150,000.

Pa., Port Marion—SCHOOL—May 18, by Bd Educ. and H. W. Altman, archt., Fayette T. and Tr. Bldg., Uniontown, 2 story and basement, brick and tile school. $150,000. Noted Feb. 5.

O., Cleveland Heights (Warrensville P. O.)—SCHOOL—May 18, b yBd. Educ., C. B. Roche, clk., 1781 Lee Rd., 2 story and basement, brick, steel and concrete addition, Noble Rd. $150,000. J. H. Graham & Co., 1610 Euclid Ave., Cleveland, archts. Noted Mar. 5.

O., Lima—HIGH SCHOOL—May 23, by Bd. Educ., E. E. Clem, clk., 2 story and basement, centralized high school in Allen Co., Shawnee Twp. $150,000. Noted Nov. 27.

O., New Lexington — HIGH SCHOOL — May 12, by C. R. Ridenour clk. Bd. Educ., 2 story and basement, 100 x 150 ft., rein.-con. and brick high school. $240,000. J. Q. Adams, New Southern Hotel, Columbus, archt. Noted Jan. 1.

Ill., Lisle—GYMNASIUM and AUDITORIUM — May 15, by Shattuck & Layer, archts., 19 South LaSalle St., Chicago, 2 story and basement, 124 x 150 ft., concrete, brick and stone, here, for St. Prodopius College. $150,000. Noted Apr. 30.

Wis., Madison—CHURCH—Grace Episcopal Church, c/o H. H. Lumpkins, 116 West Washington Ave. and J. R. and E. J. Law, archts., 1st Central Bldg., taking bids 1 story, 60 x 210 ft., rein.-con. and brick addition, plain foundation, Carroll St. $150,000. Noted July 17.

Calif., Compton — ADMINISTRATION — May 14, Trustees Compton Union High School Dist., 2 story, 188 x 2220 ft. school administration building, brick. To exceed $150,000. Rea & Garstang, Trust & Savings Bldg., Los Angeles, archts.

Calif., Culver City—ACADEMY—H. H. Whiteley, archt., Madison Ave., taking bids 3 story and basement, 125 x 225 ft., brick and tile academy, for Pacific Military Academy. $150,000 or more.

Calif., Los Angeles—SCHOOL—May 13, by Bd. Educ., 2 story, brick and rein.-con., 42nd St. $150,000. A. F. Rosenheim, Bway. Arcade Bldg., archt.

Calif., Sacramento—COLLEGE—May 18, by Bd. Educ., Junior college buildings, brick. $300,000. Dean & Dean, California State Life Bldg., archts.

Calif., San Francisco — SCHOOL — May 27, by Bd. Pub. Wks., fireproof school, on block bounded by 16th, 17th Sanchez and Dehon Sts. $346,000. J. Reid, Jr., City Hall, archt.

BIDS RECEIVED

Calif., Los Angeles—SCHOOL—City, general contract Roosevelt High School, incl. 3 story school building, 3 story gymnasium, and 1 story shop, rein.-con. and brick, from Salih Bros., Detwiler Bldg., $171,657.

CONTRACTS AWARDED

Mass., Boston—SCHOOL—Beaver School, Inc., 9 Brimmer Pl., 4 story and basement, brick addition, Chestnut St., to F. H. Powers, 75 Chestnut St. Archts. est. $150,000. Noted Apr. 2.

Mass., Lynn — CONVENT — St. Josephs Parish, Green St., 3 story and basement, brick and stone addition, to W. T. Dinneen, 293 Boston St. Archts. est. $150,000.

R. I., Westerly—RECTORY—Immaculate Conception Roman Catholic Church, 2 story and basement, brick and stone, to T. Morrison Co., 17 Chestnut St. Archts. est. $150,000.

N. Y., New York — CHURCH — Fort George Presbyterian Church, c/o C. W. Brazen, archt. and engr., 1133 Bway., brick and stone, plain foundation, 1521 St. Nicholas Ave., to J. B. Roberts & Co., 1170 Bway. Archts. est. $200,000.

Md., Cumberland—HIGH SCHOOL—Bd. Educ. Alleghany Co., 3 story and basement, 169 x 200 ft., rein.-con. and brick, plain foundation, to W. J. Morley, Cumberland, $285,000. Noted Apr. 23.

N. C., Salisbury—CHURCH—Lutheran Church, general contract church, to J. P. Little, Realty Bldg., Charlotte, $119,315.

Tenn., Knoxville—CHURCH—Holy Ghost Church, general contract brick and stone church, Central Ave. and Hinton St., to J. M. Dunn Constr. Co., Bway. and Depot Sts., Knoxville. Archts. est. $200,000. Noted Mar. 12.

Tenn., Memphis — CHURCH — Idlewild Presbyterian Church, W. Wellford, chn. building com., 2 story, concrete, brick, stone, terra cotta, tile and steel church, with 120 ft. tower, 35 ft.sq. at base, on 175 x 290 ft. site, Union and Evergreen Sts., to B. E. Buffaloe & Co., Memphis. Archts. est. $350,000. Noted Oct. 23.

O., Cincinnati — SCHOOL — Bd. Educ., Denton Bldg., new College Hill School, 4 story and basement, rein.-con. and brick, Cedar Ave., excavation and stone masonry work to Carl Constr. Co., 708 Lewis St., Covington, Ky., $42,602; concreting and landscape work, to Roos-Meyer-Hecht Co., Clifton Ave., $71,100; brick and carpentry work, to D. Gordon Building Co., Burnet Ave., $125,000; cut stone work, to D. Hummle Building Co., 2629 Spring Grove, $36,596; plastering, to W. C. Bunyan & Son, 917 Springfield Park, $29,300; iron and steel, to Schreiber & Son, Ivanhoe Ave., $30,800; plumbing, to H. Meines Co., 4112 Hamilton Ave., $34,504. Noted Mar. 12.

O., Cleveland — CHURCH — Nativity Blessed Virgin Mary Roman Catholic Church, V. A. Chaloupka, pastor, 9614 Aetna Rd., 1 story, 70 x 154 ft., brick, steel and concrete, Aetna Rd., to Schirmer-O'Hara Co., 1720 Euclid Ave. Archts. est. $200,000. Noted Mar. 26.

O., Euclid—SCHOOLS—Bd. Educ., J. B. Clark, clk., 1550 Chardon Rd., five 1 and 2 story, brick, steel and concrete additions, 4 schools, to W. F. Hendrick Co., 2777 East 53rd St., Cleveland, $229,109; 1 school, to C. Peterson Constr. Co., 4500 Euclid Ave., Cleveland, $95,485. Noted Apr. 30.

Ind., Terre Haute — SCHOOL and DORMITORY—Gibault Home for Boys, 2 story and basement, 100 x 120 ft., rein.-con., plain foundation, to Roehm Bros., 5th and Cherry Sts. $175,000 cost plus percentage basis.

Minn., Minneapolis—ART GALLERY—T. B. Walker, 2 Groveland Terrace, general contract 3 story and basement, 123 x 160 ft., rein.-con., brick and stone, Lyndale Ave. and Vineland Pl., to J. Leck Co., 211 South 11th St., about $200,000. Noted Nov. 27.

Mo., Kansas City—HIGH SCHOOL—Bd. Educ., North East Junior High School, 3 story and basement, 160 x 240 ft., rein.-con., brick, stone and terra cotta to Patti Constr. Co., 411 Jenkins Bldg., $332,900.

Calif., Glendora — SCHOOL — Girls Collegiate School of Glendora, c/o M. Hunt, archt., Hibernian Bldg., Los Angeles, four academic buildings consisting of study halls, library, science departments, administration and class room buildings, all hollow wall type and concrete, to H. O. Clarke, 444 South Fair Oaks Ave., Pasadena, to exceed $150,000. Noted Apr. 9.

Federal Government Work

BIDS DESIRED

Mass., Boston — Repairing Crane — May 13, by Bureau Yards & Docks, Navy Dept., Wash., D. C., repairing 40 ton dry dock crane, here.

D. C., Wash.—Lumber—May 14, by General Purch. Officer, Wash., D. C., southern yellow pine, or Douglas fir lumber and creosoted piles, etc., for Panama Canal.

Miss., Brunswick—Levee Work—May 19, by Third Mississippi River Dist., P. O. Box 404, Vicksburg, 600,000 cu.yd. levee work, here; adv. E. N.-R. May 7.

Miss., Vicksburg—Levee Work—May 18, by Third Mississippi River Dist., P. O. Box 404, 6,504,000 cu.yd. levee work; adv. E. N.-R. May 7.

Ill., Olmstead—Steel Castings—May 15, by U. S. Engineer Office, P. O. Box 72, Louisville, Ky., steel castings, etc., for Dam 53, Ohio River.

Okla., Tahlequah — School — May 21, by C. H. Burke, comr. Indian Affairs, Wash., D. C., brick addition to Sequoyah Orphan Training School, here.

Calif., Oakland — Dredging — May 23, by U. S. Engineer Office, 2,033,340 yd. dredging in Oakland Estuary, Alameda Co.

BIDS RECEIVED

Mo., St. Louis — Earthwork — Mississippi River Comn., 1311 International Life Bldg., 300,000 cu.yd. earthwork in Iowa River-Flint Creek Levee Dist. 16, Iowa, from La Crosse Dredging Co., Plymouth Bldg. Minneapolis, Minn., $0.2475 per cu.yd. Noted Apr. 2.

Ark., Russellville — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., 1 story post office, from A. Blair, St. Lawrence St., Montgomery, Ala., $38,898. Noted Apr. 2.

Tex., Galveston—Power Line—Spec. 5033—Bureau Yards & Docks, Navy Dept., Wash., D. C., electric power line in part overhead and part underground, at Naval Radio Sta., here, from O'Connell Electric Co., 857 Hudson Ave., Rochester, $6,800.

Calif., Mare Island—Paving—Spec. 5092—Bureau Yards & Docks, Navy Dept., Wash., D. C., asphalt wearing surface on causeway connecting Mare Island and Vallejo, here, from Associated Constr. Co., San Francisco, $12,815. Noted Apr. 9.

H. T., Pearl Harbor—Paving, etc.—Spec. 5076—Bureau Yards & Docks, Navy Dept., Wash., D. C., concrete paving, and runway for seaplane hangar, here, from Austin Eng. Co., 121 West 42nd St., New York City, $39,472.

CONTRACTS AWARDED

Vt., Burlington—Breakwater Repairs—U. S. Engineer Office, Room 710 Army Bldg., 39 Whitehall St., New York City, repairing breakwater, here, to L. J. Sieling, Red Bank, N. J., $41,360. Noted Mar. 19.

Wis., Milwaukee — Tug — U. S. Engineer Office, Federal Bldg., steel wheel tug, to Marine Iron & Shipbuilding Co., foot 11th Ave. W., Duluth, Minn., $61,175. Noted Apr. 30.

Wash., Puget Sound—Repairs to Pier—Spec. 5095—Bureau Yards & Docks, Navy Dept., Wash., D. C., repairs to Pier 4, Navy Yard, here, to Henry & McFee, 208 Northern Life Bldg., Seattle, $35,000 (240 days).

Unclassified

PROPOSED WORK

Playground—Arlington (Boston P. O.), **Mass.**—Bd. Selectmen plans playground adjoining high school building. $100,000. Engineer not selected.

Golf Course, etc.—Lenox, Mass.—Lenox-Palm Beach Development Co., H. Cole, pres., developing about 1,000 acres for golf course and building purposes. To exceed $25,000.

Park — West Medford (br. of Boston), **Mass.**—Park Comn., Medford, plans developing and reconstructing Tufts Park, South Medford and Brooks Playstead, as public park, here. $31,000. J. R. Charnock, Medford, city engr.

Athletic Field — Worcester, Mass. — St. Johns Parochial High School, T. M. O'Leary, pastor, in charge plans reconstructing 6 acre Old Worcester Oval as athletic field. $25,000 or more. Engineer not selected.

Dock Improvements—Providence, R. I.—Plans improving dock, Fields Point, and constructing freight house. $75,000. Engineer not selected.

Land Development—Providence, R. I.—City plans improving and constructing land Douglas Ave., Grand Bway., Veazie and Stansbury Sts., for school purposes. $25,000. H. A. Barker, chn.

Harbor Improvements—Wilson, N. Y.—Tuscarora Club, S. F. Swain, dir., 25 Jewett St., Buffalo, plans improving harbor, repairing piers and dredging, here. To exceed $50,000.

Docks., Weirton, W. Va.—See Buildings—Industrial."

Grade Crossing—Garfield Heights (Cleveland P. O.) **O.**—Pennsylvania R.R. Co., Pennsylvania Sta., Pittsburgh, Pa., A. S. Shand, ch. engr., Wheeling & Lake Erie

Unclassified (Continued)

R.R., 626 Huron Rd., Cleveland, W. L. Rohbock, ch. engr., Northern Ohio Traction Co., Akron, and Bd. Comrs. Cuyahoga Co., Cleveland, F. Lander, Court House, co. engr., plan abolishing grade crossing at Bway. and Henry Sts. $600,000.

Stadium—Madison, Wis.—City Athletic Bd., D. Sullivan, chn., having plans prepared rein.-con. stadium, fieldhouse, etc. at Stevens Athletic Field. $60,000. Claude & Starck, Badger Annex, engrs. Noted Mar. 5.

Transmission Line — Iowa — Mississippi River Power Co., Keokuk, making preliminary plans high tension transmission line from Burlington to Ft. Madison. $200,000. Work will probably be done by own forces. Private plans.

Street Lighting System—Geneva, Neb.—Defeated $40,000 bonds for street lighting system. Noted Mar. 12.

Park Improvements — Moberly, Mo. — Election May 12, $25,000 bonds for park improvements.

Street Lighting System—St. Louis, Mo.—J. E. Hooke, city dir., City Hall, soon takes bids rein.-con. lighting standards with glassware, wiring, etc., for various streets and parks. $40,000.

Storage Tanks, etc.—Taft, Tex.—Pierce Petroleum Co., 305 South Medina St., San Antonio, soon takes bids several 50,000 gal. capacity and over steel storage tanks, pumping unit equipment, etc., and 5 mi. pipe connecting with tanks. Private plans. $160,000.

Transmission Line — Oklahoma — Consumers Light & Power Co., Ardmore, making preliminary plans 28 mi. 33,000 volt transmission line from Ardmore to Modell. $45,000. W. H. Allen, Ardmore, engr.

Transmission Line, etc. — Oklahoma — Southwest Light & Power Co., Continental Bldg., Oklahoma City, plans 32 mi. 33,000 volt transmission line from Grandfield to Cache and distribution system in Garfield. $45,000. Franchise election May 28. E. R. Ernsberger, Continental Bldg., Oklahoma City, engr.

Gas Distribution System—Mangum, Okla.—Voted $85,000 bonds, for gas supply from field at Sayre, 73,000 ft. 6 in. steel pipe, also gas distribution system and regulator station, here. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs. Noted Mar. 19.

Gas System — Sapulpa, Okla. — Election soon gas franchise for natural gas system. $60,000 or more. Address Mayor.

Breakwater — Long Beach, Calif. — Soon lets contract for 7,000 ft. rubble mound breakwater and 6,900 ft. bulkheads, approximately 1,600,000 tons stone. E. N. Johnston, consult. engr.

Park Improvements—Monterey, Calif.—Rescinded action calling $100,000 bond issue purchasing site and laying out public park. Noted Apr. 9.

Harbor Development—Byng Inlet, Ont.—Dept. Pub. Wks., Parliament Bldgs., Ottawa, plans dredging and timber work in harbor, here. $38,000. K. M. Cameron, Hunter Bldg., Ottawa, ch. engr.

Telephone System—Hamilton, Ont.—Bell Telephone Co., F. D. Laurie, mgr., plans improving and extending system. $117,000. Private plans.

Wharf—Pelee Island, Ont.—Dept. Pub. Wks., Parliament Bldgs. Ottawa, plans extending and repairing wharf, here. $28,000. K. M. Cameron, Hunter Bldg., Ottawa, ch. engr.

Telephone Improvements—Port Colborne, Ont.—Bell Telephone Co., A. C. Price, mgr., plans central energy system and new cables. $50,000.

Transmission Lines, Towers, etc. — Toronto, Ont.—Harbor Comrs., Harbor Bldg., plans moving hydro power line at Sunnyside to another location, new steel towers, concrete footings, cables, insulators, etc. $50,000. J. R. Wainwright, Harbor Bldg., engr.

BIDS DESIRED

Steam Heating System—New York, N. Y.—May 14, by E. J. O'Malley comr. Pub. Markets, Municipal Bldg., steam heating system in wholesale market, storage building and power house for Terminal Market, Exterior and East 151st Sts.

Subway—New York, N. Y.—May 15 by Bd. Transportation, 49 Lafayette St., Washington Heights subway in Central Park West between 78th and 88th Sts.

Stadium—Phila., Pa.—May 12, by Dept. Pub. Wks., City Hall, 174 x 1,950 ft., rein.-con. and brick stadium. $2,000,000. Simon & Simon, 249 South Juniper St., engrs. Noted Apr. 9.

Sea Wall—Gulfport, Miss.—May 27, by Bd. Supervs. Harrison Co., 14 mi. sea wall along gulf coast. $2,000,000. A. M. Shaw, 1312 Hibernia Bank Bldg., New Orleans, La., consult. engr. Noted Feb. 12.

Electric Light System—Church Point, La.—May 20, by Bd. Aldermen and Mayor, electric light system and ice plant. Swanson-McGraw, United Fruit Bldg., New Orleans, consult. engrs.

Swimming Pool—Donna, Tex.—Val Verde Country Club, Donna, taking bids rein.-con. swimming pool, near here. $25,000.

Park Improvements — Houston, Tex. — May 15, by J. C. McVea, city engr., park improvements for city. $100,000. O. F. Holcombe, mayor. Noted Mar. 12

Transmission Line—Oklahoma—May 20, by J. D. Bonford, engr. of Elk City, 35 mi. 13,200 volt transmission line from Leedy to Elk City and distribution system at Leedy. $25,000. Noted Feb. 19.

Subway—Toronto, Ont.—May 9, by B. Ripley, dist. engr. Canadian Pacific Ry., New Union Sta., subway under tracks at Royce Ave., here. $900,000.

Grain Elevator—Prince Rupert, B. C.—May 18, by F. C. T. O'Hara, deputy minister of Trade & Commerce, Ottawa, rein.-con. superstructure of 500,000 bu. elevator, here. $500,000. C. D. Howe & Co., Port Arthur, engrs.

BIDS RECEIVED

Park—Lowell, Mass.—City, J. W. Kerman, Park Comn., developing Shedd Park into public playground, from R. A. Doyle, 32 Caldwell Crescent, Lynn, $63,900. Noted Apr. 9.

Fill—Phila., Pa.—G. W. Biles, dir. Pub. Wks., Apr. 28, 400,000 cu.yd. fill for municipal stadium east of Broad St. and south of Pattison Ave., from Keystone State Constr. Co., Franklin Bank Bldg., $248,000; 30,000 cu.yd., from Lewis & Slavin, 234 South 44th St., $29,400. Noted Apr. 23.

Guard Rails, etc. — Logan, Ia., — See "Streets and Roads."

Street Lighting System—St. Paul, Minn.—H. W. Austin, city purch. agt., Apr. 14, from Northwestern Electric Equipment Co., 174 East 6th St., single light standards with copper and bronze lanterns, etc., eighty-four 13 ft., on Portland Ave. $74.34, nineteen 13 ft. on Central Park Pl. $74.34, fifty-five 15 ft. on 5th St. $104.25. Noted Apr. 9.

CONTRACTS AWARDED

Granite Curbing — Chicopee, Mass. — E. Bourbeau, supt. Streets, granite curbing which may be ordered from Apr. 15, 1925, to Apr. 15, 1926, to S. P. Palmer & Sons, Graniteville, 6 in. straight at $1.10 per ft., 4 in. straight $0.93 per ft.

Culvert — Dorchester (Boston P. O.), **Mass.**—Metropolitan Dist. Comn. 1 Ashburton Pl., Boston, rein.-con. culvert, at Pattens Cove, here, to Bay State Dredging & Contg. Co., 62 Condor St., East Boston, $40,225. Noted Apr. 9.

Pier Repairs—South Boston (Boston P. O.), Mass.—Park Dept., 33 Beacon St., Boston, J. B. Shea, chn., pier repairs, Marine Park, here, to Gulney & Hanson Constr. Co., 61 Court St., Boston. Engrs. est. $35,000.

Field House—Williamstown, Mass.—Williams College, 2 story and basement, 40 x 140 ft., rein.-con., brick and timber field house, to Holt-Fairchild Co., 7 Water St., Boston.

Elimination Grade Crossing—Middletown, Conn.—City State Hy. Dept., Hartford, and New York, New Haven & Hartford R.R., Grand Central Terminal, New York City, elimination of grade crossing, incl. 800 cu.yd. excav., rein.-con. abutments, 60 ft. span supporting present railroad crossing, to Lathrop & Shea, 185 Church St., New Haven, $116,072.

Culverts and Head Walls—Tennessee—See "Streets and Roads."

Grain Elevator—Cincinnati, O.—Early & Daniel Co., 403 Carew Bldg., 1,000,000 bu. grain elevator, 16 concrete silos each 112 ft. high, 30 ft. diam., to Stone Eng. Co., St. Louis, Mo., $350,000.

Wall—Peru, Ind.—Bd. Comrs. Peru Flood Control Dist., rein.-con. wall, four 12 ft. sluice ways etc., to Minnix Clark, Flora, $54,000. Noted Apr. 2.

Transmission Line — Illinois — Peoples Power Co., Moline, will build 18,000 volt transmission line from East Moline to Cordova, by day labor. $25,000. Private plans.

Gas Line—Kansas—Empire Gas & Fuel Co., 56 mi. 10- to 16-in. line from Blyworth to Wichita, to Connor & Son, 814 New York Life Bldg., Kansas City, Mo. Engrs. est. $843,000.

Transmission Line — Oklahoma — Oklahoma Gas & Electric Co., 112 North Bway., Oklahoma City, will build 22 mi. 33,000 volt transmission line from Sayre to Elk City, by day labor. $45,000. Byllesby Eng. Co., 231 La Salle St., Chicago, engrs.

Transmission Line — Oklahoma — Oklahoma Gas & Electric Co., 112 North Bway., Oklahoma City, will build 10 mi. 13,200 volt transmission line from Berwin to Dougherty, and distribution system at Berwin, by day labor. $30,000. Byllesby Eng. Co., 231 South La Salle St., Chicago, engrs.

Fish Hatchery—Heavener, Okla.—State Bd. Affairs, G. W. Hines, game warden, new fish hatchery, consisting of ponds, pipes, etc., on Black Fork Creek, near here, to J. S. Terry, Poteau, $36,721. Engrs. est. $40,000. Noted Mar. 12.

Arena—Los Angeles, Calif.—T. Kennedy, rein.-con. and hollow tile (open air) arena, approximately 25,000 seating capacity, Vermont St., to Sound Constr. Co., 614 Spreckles Bldg., San Diego.

Materials

PROPOSED WORK

Gravel—Tracy, Calif.—City plans to purchase 300 tons gravel for filter beds of septic tank. G. L. Freichs, city clk.

BIDS DESIRED

Slag, etc.—Cleveland, O.—May 13, by Comrs. Cuyahoga Co., L. Simon, clk., 700 cars slag; 1,200 ton Kold Patch, $19,000; 900 tons rock asphalt, $15,300; 600 tons slag, $1,350, 5,000 gal. K. P. juice $1,500; 5,000 gal. Kolmend $1,250; 15,000 gal. Surfacrete, $2,550; 200 tons of 1.2 in. slag, $360; and 200 tons sand, $320.

Structural Steel—Minneapolis, Minn.—May 11, by F. S. Gram, city purch. agt., structural steel for new filtration plant, now under construction. $20,000. N. W. Elsberg, city engr.

Cement—Dallas, Tex.—C. E. Gross, aud. Dallas Co., taking bids cement to be used for 1 year. $7,000.

Rails, etc.—Melbourne, Australia—June 3, by Secretary Victorian Government R.R., 11,610 60 lb. rails, and 12,000 pairs fish plates, 12 mi. 2,200 volt 2 core, lead sheathed, wire armoured cable, and 5½ mi. dry core telephone cable.

BIDS RECEIVED

Steam Cinders, etc.—Brooklyn, N. Y.—J. A. Guider, pres. Boro Hall, Apr. 29, 10,000 cu.yd. steam cinders, from W. P. Rourke, 259 77th St., $10,000; also 40,000 gal. gasoline, from Tidewater Oil Sales Corp., 11 Bway., New York City, $7,200. Noted Apr. 23.

Oil—Toms River, N. J.—Bd. Freeholders Ocean Co., 185,000 gal. oil from Asphalt Service Surface Co., New Brunswick, $0.13 per gal.

Road Oil—Green Bay, Wis.—W. L. Kerr, city clk., Apr. 16, 30,000 gal. road oil having 50% to 60% asphaltic content, from Barkhausen Oil Co., Mather St., at $0.059 per gal. Noted Apr. 23.

CONTRACTS AWARDED

Patching, etc. — Boston, Mass. — Supply Dept., 500 tons Taric patching compound, to Independent Coal Tar Co., 88 Broad St., $34.98 per ton; 500 tons emulsified asphalt for cold patching, to Barber Asphalt Co., 109 Cummings St. Roxbury, at $42.35 per ton; 1,200 tons 48 in. B pipe, to Warren Pipe & Fdry. Co., 201 Devonshire St., at $54.90 per ton; furnishing and applying 350,000 gal. 45% asphaltic road oil, to Alden Speare's Sons Co., 156 6th St., Cambridge, at $0.077 per gal. Noted Apr. 16.

Road Materials — Trenton, N. J. — State Hy. Dept., to T. Tobish, Mechanic Bldg., 70,615 gal. asphalt $7,238, 119,723 gal. Grade B or UB tar, $10,916, 38,944 gal. Grade B tar, $3,894, 8,888 gal. Grade U-3 tar, $1,244; to Headley Good Roads Co., Franklin Trust Bldg., Phila., Pa., 18,858 gal. asphalt $1,948, 68,300 gal. asphalt cement $12,330; to Dosch King Co., Montclair, 51,755 gal. Grade B tar, 5,177; to Duquesne Slag Products Co., Dover, 2,154 tons slag $2,267; to Phila. Slag Co., Pennsylvania Bldg., Phila., 2,580 tons slag $2,838; to Natl. Slag Co., Allentown, Pa., 1,995 tons slag $1,995; to Asphalt Service Co., New Brunswick, 33,299 gal. tar $3,330; to Barber Asphalt Co., Land Title Bldg., Phila., Pa., 355 gal. asphalt cement $55; to Alemite Refining Co., 1780 Bway., New York City, 600 gal. asphalt cement $721; to Standard Oil Co., 26 Bway., New York City, 50,550 gal. cement $5,722; to Union Paving Co., 30th and Locust Sts., Phila., Pa., 47 tons asphalt, SA $26,534, 360 tons FABC $8,280; to Standard Bitulithic Co., 50 Church St., New York City, 30 tons asphalt SA in place $8,245; to New Jersey Amesite Co., 6,942 tons Type A asphalt $69,670.

Steel—Creighton, Pa.—See "Buildings Industrial," under Bids Desired.

Pipe—Baltimore, Md.—Bd. Awards, 4,900 lin.ft. 24 in., 1,700 lin.ft. 27 in., 1,800 lin.ft. 30 in., 1,900 lin.ft. 33 in., 3,000 lin.ft. 36 in., 3,750 lin.ft. 42 in., 1,000 lin.ft. 48 in. 700 lin.ft. 54 in., and 300 lin.ft. 60 in. rein.-con. pipe, Contr 54, to Lock Joint Pipe Co., 9 Rutledge Ave., Ampere, N. J., $46,925. Noted Apr. 30.